

# Beta=5%

EQDSK 0203C 1 65 129 1  
.170000000E+01 .340000000E+01 .980000000E+00 .130000000E+00  
.964114606E+00 .115628994E-13 -.466697805E-01 -.584785012E-02  
.300000000E+00  
-.100000000E+07 .215768101E-02 .215768101E-02 .422187500E+00  
.422187500E+00  
.159375000E+01 -.159375000E+01 .499989358E-01 .299998813E+01  
.100693036E+02  
.288368885E+00 .288031951E+00 .287692180E+00 .287349456E+00  
.287003658E+00  
.286654657E+00 .286302322E+00 .285946515E+00 .285587091E+00  
.285223898E+00  
.284856779E+00 .284485569E+00 .284110096E+00 .283730179E+00  
.283345632E+00  
.282956259E+00 .282561854E+00 .282162204E+00 .281757088E+00  
.281346273E+00  
.280929518E+00 .280506571E+00 .280077171E+00 .279641046E+00  
.279197913E+00  
.278747481E+00 .278289444E+00 .277823491E+00 .277349297E+00  
.276866531E+00  
.276374850E+00 .275873906E+00 .275363344E+00 .274842805E+00  
.274311928E+00  
.273770352E+00 .273217723E+00 .272653696E+00 .272077942E+00  
.271490157E+00  
.270890069E+00 .270277452E+00 .269652138E+00 .269014037E+00  
.268363158E+00  
.267699635E+00 .267023761E+00 .266336024E+00 .265637163E+00  
.264928216E+00  
.264210603E+00 .263486207E+00 .262757479E+00 .262027571E+00  
.261300489E+00  
.260581282E+00 .259876267E+00 .259193307E+00 .258542134E+00  
.257934747E+00  
.257385878E+00 .256913550E+00 .256539734E+00 .256291118E+00  
.256200000E+00  
.347186979E+04 .342162115E+04 .337062684E+04 .331893206E+04  
.326657927E+04  
.321360838E+04 .316005688E+04 .310595999E+04 .305135081E+04  
.299626046E+04  
.294071818E+04 .288475144E+04 .282838609E+04 .277164644E+04  
.271455533E+04  
.265713429E+04 .259940358E+04 .254138226E+04 .248308835E+04  
.242453880E+04  
.236574969E+04 .230673619E+04 .224751272E+04 .218809299E+04  
.212849008E+04  
.206871651E+04 .200878437E+04 .194870533E+04 .188849083E+04  
.182815209E+04  
.176770031E+04 .170714676E+04 .164650293E+04 .158578072E+04  
.152499261E+04  
.146415197E+04 .140327325E+04 .134237235E+04 .128146704E+04  
.122057738E+04

.115972628E+04 .109894023E+04 .103825001E+04 .977691727E+03  
.917307930E+03  
.857149018E+03 .797274910E+03 .737757062E+03 .678680895E+03  
.620148724E+03  
.562283281E+03 .505231974E+03 .449172008E+03 .394316570E+03  
.340922283E+03  
.289298197E+03 .239816628E+03 .192926237E+03 .149167799E+03  
.109193227E+03  
.737885120E+02 .439014004E+02 .206747699E+02 .548689308E+01  
.000000000E+00  
-.151703327E+00 -.152781810E+00 -.153907096E+00 -.155081200E+00  
-.156306219E+00  
-.157584337E+00 -.158917825E+00 -.160309046E+00 -.161760456E+00  
-.163274607E+00  
-.164854148E+00 -.166501826E+00 -.168220490E+00 -.170013087E+00  
-.171882662E+00  
-.173832361E+00 -.175865422E+00 -.177985174E+00 -.180195031E+00  
-.182498479E+00  
-.184899068E+00 -.187400397E+00 -.190006088E+00 -.192719766E+00  
-.195545028E+00  
-.198485396E+00 -.201544273E+00 -.204724879E+00 -.208030175E+00  
-.211462770E+00  
-.215024805E+00 -.218717816E+00 -.222542558E+00 -.226498803E+00  
-.230585083E+00  
-.234798384E+00 -.239133773E+00 -.243583946E+00 -.248138679E+00  
-.252784166E+00  
-.257502215E+00 -.262269279E+00 -.267055276E+00 -.271822175E+00  
-.276522277E+00  
-.281096143E+00 -.285470090E+00 -.289553167E+00 -.293233500E+00  
-.296373893E+00  
-.298806495E+00 -.300326387E+00 -.300683820E+00 -.299574868E+00  
-.296630132E+00  
-.291401120E+00 -.283343804E+00 -.271798791E+00 -.255967392E+00  
-.234882746E+00  
-.207374994E+00 -.172029255E+00 -.127134932E+00 -.706245531E-01  
.000000000E+00  
-.781697744E+05 -.793757581E+05 -.805086418E+05 -.815728477E+05  
-.825725286E+05  
-.835115839E+05 -.843936748E+05 -.852222381E+05 -.860004996E+05  
-.867314858E+05  
-.874180358E+05 -.880628112E+05 -.886683062E+05 -.892368563E+05  
-.897706463E+05  
-.902717174E+05 -.907419742E+05 -.911831895E+05 -.915970093E+05  
-.919849567E+05  
-.923484341E+05 -.926887249E+05 -.930069939E+05 -.933042855E+05  
-.935815213E+05  
-.938394948E+05 -.940788648E+05 -.943001449E+05 -.945036916E+05  
-.946896869E+05  
-.948581177E+05 -.950087501E+05 -.951410962E+05 -.952543749E+05  
-.953474628E+05  
-.954188348E+05 -.954664910E+05 -.954878692E+05 -.954797378E+05  
-.954380659E+05  
-.953578670E+05 -.952330091E+05 -.950559861E+05 -.948176401E+05  
-.945068282E+05

-.941100180E+05 -.936108009E+05 -.929893039E+05 -.922214802E+05  
-.912782527E+05  
-.901244811E+05 -.887177157E+05 -.870066933E+05 -.849295237E+05  
-.824115009E+05  
-.793624637E+05 -.756736111E+05 -.712136609E+05 -.658242162E+05  
-.593141760E+05  
-.514529926E+05 -.419625390E+05 -.305072986E+05 -.166825314E+05  
.000000000E+00  
.157049873E-02 .235996805E-02 .355792148E-02 .302370769E-02 .289562664E-02  
.282142080E-02 .277587730E-02 .275483672E-02 .275897322E-02 .279084914E-02  
.285397889E-02 .295243845E-02 .309066910E-02 .327336168E-02 .350537847E-02  
.379169442E-02 .413734971E-02 .454741062E-02 .502693764E-02 .558096131E-02  
.621446647E-02 .693238599E-02 .773960462E-02 .864097381E-02 .964133761E-02  
.107455700E-01 .119586236E-01 .132855901E-01 .147317722E-01 .163027684E-01  
.180045715E-01 .198436822E-01 .218272407E-01 .239631790E-01 .262603975E-01  
.287289699E-01 .313803798E-01 .342277907E-01 .372863460E-01 .405734860E-01  
.441092421E-01 .479164237E-01 .520205036E-01 .564487805E-01 .612278469E-01  
.663769375E-01 .718905169E-01 .776918286E-01 .835245781E-01 .888479723E-01  
.931143753E-01 .961207609E-01 .977081167E-01 .978513706E-01 .966009568E-01  
.941717330E-01 .911711210E-01 .881065204E-01 .852031627E-01 .825315439E-01  
.801011962E-01 .778992267E-01 .759051631E-01 .740969399E-01 .724533647E-01  
.178232965E-02 .266118661E-02 .364559389E-02 .338226349E-02 .317652417E-02  
.302179337E-02 .290575683E-02 .282230866E-02 .276979367E-02 .274920530E-02  
.276311333E-02 .281506616E-02 .290924866E-02 .305027351E-02 .324304316E-02  
.349265074E-02 .380430409E-02 .418326534E-02 .463480308E-02 .516415620E-02  
.577650979E-02 .647698386E-02 .727063544E-02 .816247468E-02 .915749495E-02  
.102607170E-01 .114772471E-01 .128123488E-01 .142715303E-01 .158606459E-01  
.175860164E-01 .194545701E-01 .214740087E-01 .236530056E-01 .260014441E-01  
.285307072E-01 .312540328E-01 .341869541E-01 .373478456E-01 .407586051E-01  
.444454986E-01 .484401964E-01 .527810051E-01 .575142347E-01 .626954369E-01  
.683895844E-01 .746668939E-01 .815817873E-01 .890830531E-01 .966075729E-01  
.101036867E+00 .104818456E+00 .106289053E+00 .106085537E+00  
.104352080E+00  
.999299497E-01 .954353318E-01 .913653709E-01 .877723947E-01 .846133150E-01  
.818294936E-01 .793657129E-01 .771741255E-01 .752143170E-01 .734523757E-01  
.193979266E-02 .291024016E-02 .398798343E-02 .365351811E-02 .338614867E-02  
.316978843E-02 .299389238E-02 .285313183E-02 .274585277E-02 .267282466E-02  
.263641395E-02 .264006135E-02 .268794710E-02 .278476748E-02 .293557666E-02  
.314566751E-02 .342047709E-02 .376550982E-02 .418627547E-02 .468824157E-02  
.527680088E-02 .595725489E-02 .673481426E-02 .761461632E-02 .860175968E-02  
.970135552E-02 .109185951E-01 .122588335E-01 .137276893E-01 .153311631E-01  
.170757758E-01 .189687324E-01 .210181170E-01 .232331286E-01 .256243710E-01  
.282042134E-01 .309872474E-01 .339908759E-01 .372360804E-01 .407484398E-01  
.445595030E-01 .487086706E-01 .532458359E-01 .582352200E-01 .637612948E-01  
.699390380E-01 .769352914E-01 .850242732E-01 .947603106E-01 .107573300E+00  
.109681852E+00 .115874128E+00 .116555237E+00 .115832916E+00  
.114739615E+00  
.105686217E+00 .992045619E-01 .940853329E-01 .898540522E-01 .862733220E-01  
.831973183E-01 .805246812E-01 .781802795E-01 .761064181E-01 .742577298E-01  
.204828750E-02 .306488651E-02 .419010436E-02 .381955768E-02 .351757015E-02  
.325749661E-02 .303235907E-02 .284004653E-02 .268066907E-02 .255588829E-02  
.246855658E-02 .242243934E-02 .242199363E-02 .247219193E-02 .257837909E-02  
.274615259E-02 .298125988E-02 .328951005E-02 .367669956E-02 .414855370E-02  
.471068547E-02 .536857394E-02 .612756312E-02 .699288152E-02 .796968201E-02

.906310095E-02 .102783355E-01 .116207384E-01 .130959305E-01 .147099317E-01  
.164693142E-01 .183813829E-01 .204543904E-01 .226977988E-01 .251226034E-01  
.277417417E-01 .305706194E-01 .336278007E-01 .369359305E-01 .405229923E-01  
.444240586E-01 .486837815E-01 .533600231E-01 .585292927E-01 .642951696E-01  
.708020009E-01 .782591627E-01 .869914477E-01 .975737686E-01 .111306298E+00  
.113783167E+00 .120308286E+00 .120999978E+00 .120091765E+00  
.118618740E+00  
.108741053E+00 .101516111E+00 .958418104E-01 .912230549E-01 .873765104E-01  
.841174840E-01 .813173452E-01 .788828689E-01 .767444589E-01 .748488252E-01  
.211708896E-02 .311077559E-02 .412693480E-02 .387444094E-02 .357548029E-02  
.328574860E-02 .301884132E-02 .277924196E-02 .256986979E-02 .239386968E-02  
.225500481E-02 .215768101E-02 .210686864E-02 .210799728E-02 .216684507E-02  
.228942949E-02 .248190245E-02 .275045281E-02 .310122026E-02 .354022503E-02  
.407331754E-02 .470615134E-02 .544418094E-02 .629268448E-02 .725681015E-02  
.834164461E-02 .955230105E-02 .108940253E-01 .123723194E-01 .139930826E-01  
.157627750E-01 .176886061E-01 .197787604E-01 .220426683E-01 .244913441E-01  
.271378115E-01 .299976549E-01 .330897460E-01 .364372232E-01 .400688380E-01  
.440208470E-01 .483397279E-01 .530861581E-01 .583409178E-01 .642135930E-01  
.708545696E-01 .784669610E-01 .872946827E-01 .974668627E-01 .108140327E+00  
.113375871E+00 .118291496E+00 .119726520E+00 .118976862E+00  
.116241256E+00  
.109000372E+00 .102171105E+00 .964595918E-01 .917525485E-01 .878365765E-01  
.845320771E-01 .817046268E-01 .792552119E-01 .771100152E-01 .752128654E-01  
.215496759E-02 .320001198E-02 .434248653E-02 .394086278E-02 .359106699E-02  
.326304638E-02 .295476886E-02 .266933652E-02 .241075474E-02 .218338495E-02  
.199198305E-02 .184175114E-02 .173833220E-02 .168775935E-02 .169637570E-02  
.177073620E-02 .191749999E-02 .214332195E-02 .245475201E-02 .285815039E-02  
.335962602E-02 .396500350E-02 .467982075E-02 .550935654E-02 .645868586E-02  
.753275998E-02 .873650729E-02 .100749516E-01 .115533455E-01 .131773198E-01  
.149530502E-01 .168874485E-01 .189883841E-01 .212649509E-01 .237277934E-01  
.263895170E-01 .292652151E-01 .323731603E-01 .357357308E-01 .393806751E-01  
.433428788E-01 .476668883E-01 .524105996E-01 .576507943E-01 .634916819E-01  
.700785596E-01 .776209420E-01 .864365234E-01 .970557236E-01 .110559870E+00  
.113380957E+00 .119812118E+00 .120643765E+00 .119817808E+00  
.118284353E+00  
.108730614E+00 .101605372E+00 .959887391E-01 .914224189E-01 .876286664E-01  
.844223755E-01 .816738325E-01 .792889943E-01 .771977549E-01 .753465410E-01  
.216681577E-02 .318786449E-02 .426326268E-02 .390786303E-02 .354677376E-02  
.318844571E-02 .284060210E-02 .250971147E-02 .220158378E-02 .192186222E-02  
.167632254E-02 .147102892E-02 .131239213E-02 .120715984E-02 .116235804E-02  
.118519717E-02 .128295540E-02 .146285231E-02 .173192707E-02 .209693359E-02  
.256426387E-02 .313990808E-02 .382945374E-02 .463812109E-02 .557083088E-02  
.663230030E-02 .782716018E-02 .916008735E-02 .106359482E-01 .122599526E-01  
.140378204E-01 .159759650E-01 .180817018E-01 .203634927E-01 .228312401E-01  
.254966495E-01 .283736882E-01 .314791741E-01 .348335486E-01 .384619059E-01  
.423953912E-01 .466731364E-01 .513450092E-01 .564756609E-01 .621508692E-01  
.684886374E-01 .756624296E-01 .839619995E-01 .939876730E-01 .107357907E+00  
.109372674E+00 .115895658E+00 .116641473E+00 .116025654E+00  
.115159905E+00  
.105893121E+00 .994264083E-01 .943853125E-01 .902532601E-01 .867785163E-01  
.838090447E-01 .812403817E-01 .789957213E-01 .770164355E-01 .752566646E-01  
.215702614E-02 .314604192E-02 .413748763E-02 .383517172E-02 .345927585E-02  
.306767418E-02 .267833094E-02 .230046071E-02 .194121143E-02 .160725532E-02  
.130528136E-02 .104220128E-02 .825238068E-03 .661937572E-03 .560118230E-03

.527770015E-03 .572916453E-03 .703458073E-03 .927018487E-03 .125081021E-02  
.168153600E-02 .222534125E-02 .288781898E-02 .367405725E-02 .458872467E-02  
.563618885E-02 .682065629E-02 .814632246E-02 .961752611E-02 .112389059E-01  
.130155609E-01 .149532200E-01 .170584265E-01 .193387467E-01 .218030135E-01  
.244616173E-01 .273268606E-01 .304133968E-01 .337387786E-01 .373241461E-01  
.411950947E-01 .453827599E-01 .499251575E-01 .548687810E-01 .602703435E-01  
.661980935E-01 .727301549E-01 .799379360E-01 .877962198E-01 .957295532E-01  
.100343600E+00 .104379856E+00 .106038438E+00 .106029027E+00  
.104496901E+00  
.100124212E+00 .957273374E-01 .917987391E-01 .883663195E-01 .853726653E-01  
.827522347E-01 .804464054E-01 .784055016E-01 .765880653E-01 .749596266E-01  
.212887411E-02 .316511661E-02 .431013668E-02 .379310359E-02 .334433740E-02  
.290517910E-02 .246937449E-02 .204160228E-02 .162866522E-02 .123778140E-02  
.876377265E-03 .552155491E-03 .273166964E-03 .478261343E-04 .115143216E-03  
-.206830132E-03 -.218313424E-03 -.140868264E-03 .338325897E-04 .313541524E-  
03  
.705302213E-03 .121539455E-02 .184935736E-02 .261205287E-02 .350777551E-02  
.454040475E-02 .571357844E-02 .703086629E-02 .849593608E-02 .101127111E-01  
.118855198E-01 .138192442E-01 .159194714E-01 .181926573E-01 .206463066E-01  
.232891768E-01 .261315106E-01 .291852994E-01 .324645786E-01 .359857406E-01  
.397678330E-01 .438327620E-01 .482052228E-01 .529119626E-01 .579794858E-01  
.634281007E-01 .692571451E-01 .754085312E-01 .816789929E-01 .875368942E-01  
.919711067E-01 .952926717E-01 .971178902E-01 .975418011E-01 .966243297E-01  
.943062782E-01 .914916304E-01 .886565223E-01 .859895271E-01 .835496578E-01  
.813428673E-01 .793545207E-01 .775629754E-01 .759453207E-01 .744797915E-01  
.208300793E-02 .304226770E-02 .401155887E-02 .362159647E-02 .316987467E-02  
.269511401E-02 .221275063E-02 .173256730E-02 .126289571E-02 .811755631E-03  
.387274140E-03 -.209944389E-05 -.347478020E-03 -.639507002E-03 -.868426133E-  
03  
-.102422689E-02 -.109689327E-02 -.107669199E-02 -.954437228E-03 -.721727973E-  
03  
-.371149451E-03 .103668398E-03 .708128914E-03 .144674839E-02 .232328905E-02  
.334096978E-02 .450269285E-02 .581124682E-02 .726948581E-02 .888048500E-02  
.106476743E-01 .125749579E-01 .146668274E-01 .169284734E-01 .193658966E-01  
.219860200E-01 .247967956E-01 .278072957E-01 .310277659E-01 .344695964E-01  
.381451294E-01 .420671546E-01 .462478144E-01 .506964012E-01 .554150764E-01  
.603906944E-01 .655794931E-01 .708797353E-01 .760889741E-01 .808634084E-01  
.847819043E-01 .877478744E-01 .896184156E-01 .903916949E-01 .901248697E-01  
.889420931E-01 .872299936E-01 .853017449E-01 .833450099E-01 .814572095E-01  
.796827329E-01 .780371533E-01 .765210764E-01 .751277449E-01 .738471779E-01  
.202088982E-02 .294848068E-02 .387090406E-02 .345853793E-02 .296636679E-02  
.244428329E-02 .190976937E-02 .137309099E-02 .842888030E-03 .327560758E-03  
-.164258253E-03 -.623463352E-03 -.104033738E-02 -.140450640E-02 -.170500837E-  
02  
-.193050008E-02 -.206959630E-02 -.211131589E-02 -.204540925E-02 -.186266106E-  
02  
-.155526230E-02 -.111686020E-02 -.542288714E-03 .172474334E-03 .103044118E-  
02  
.203394453E-02 .318495609E-02 .448531698E-02 .593692864E-02 .754190330E-02  
.930267277E-02 .112220718E-01 .133034072E-01 .155505148E-01 .179678032E-01  
.205602774E-01 .233335310E-01 .262936875E-01 .294472529E-01 .328008239E-01  
.363605499E-01 .401311886E-01 .441144868E-01 .483064549E-01 .526928596E-01  
.572419674E-01 .618934452E-01 .665432017E-01 .710281337E-01 .751265095E-01  
.786079343E-01 .813417711E-01 .832394373E-01 .842860671E-01 .845290543E-01

.840830641E-01 .831546154E-01 .819440698E-01 .806009944E-01 .792227784E-01  
.778673506E-01 .765662927E-01 .753346855E-01 .741777129E-01 .730948886E-01  
.194254711E-02 .290329121E-02 .396852288E-02 .331799254E-02 .273575297E-02  
.215248777E-02 .155978877E-02 .962290131E-03 .367461749E-03 -.216385997E-03  
-.780330721E-03 -.131471819E-02 -.180901756E-02 -.225174517E-02 -.263052038E-  
02  
-.293233198E-02 -.314400292E-02 -.325301365E-02 -.324779227E-02 -.311798808E-  
02  
-.285539903E-02 -.245399826E-02 -.190892734E-02 -.121681245E-02 -.375731261E-  
03  
.615446841E-03 .175754376E-02 .305127871E-02 .449746945E-02 .609717766E-02  
.785177503E-02 .976297916E-02 .118328752E-01 .140639206E-01 .164589267E-01  
.190210048E-01 .217534644E-01 .246596367E-01 .277425855E-01 .310046460E-01  
.344466982E-01 .380670394E-01 .418596566E-01 .458116275E-01 .498993160E-01  
.540830713E-01 .583004968E-01 .624595055E-01 .664349864E-01 .700768827E-01  
.732381638E-01 .758132693E-01 .777373708E-01 .789952196E-01 .796204930E-01  
.796950198E-01 .793437707E-01 .786982954E-01 .778704858E-01 .769441670E-01  
.759771306E-01 .750067638E-01 .740558066E-01 .731370379E-01 .722567406E-01  
.184627125E-02 .269629606E-02 .352331637E-02 .303107481E-02 .244064370E-02  
.181069862E-02 .115998210E-02 .498696466E-03 -.164651130E-03 -.821540752E-  
03  
-.146283179E-02 -.207842173E-02 -.265700187E-02 -.318589087E-02 -.365100657E-  
02  
-.403720992E-02 -.432874370E-02 -.451131379E-02 -.457180919E-02 -.449788887E-  
02  
-.428101118E-02 -.391653069E-02 -.339960888E-02 -.272758310E-02 -.190029418E-  
02  
-.918289151E-03 .217915663E-03 .150773810E-02 .295079134E-02 .454704496E-02  
.629679804E-02 .820065078E-02 .102594812E-01 .124744050E-01 .148467035E-01  
.173777082E-01 .200686271E-01 .229202885E-01 .259327677E-01 .291048434E-01  
.324332137E-01 .359113756E-01 .395280481E-01 .432650141E-01 .470942909E-01  
.509746952E-01 .548482580E-01 .586377130E-01 .622474294E-01 .655709872E-01  
.685068184E-01 .709760192E-01 .729295206E-01 .743532110E-01 .752686194E-01  
.757304412E-01 .758189682E-01 .756229538E-01 .752245412E-01 .746914571E-01  
.740753133E-01 .734132466E-01 .727307639E-01 .720446423E-01 .713654079E-01  
.173125960E-02 .254989369E-02 .337633467E-02 .277377201E-02 .211644258E-02  
.142496257E-02 .710528474E-03 -.185196221E-04 -.754417313E-03 -.148901101E-  
02  
-.221322782E-02 -.291670151E-02 -.358745407E-02 -.421158450E-02 -.477293377E-  
02  
-.525379104E-02 -.563379359E-02 -.589723953E-02 -.602994863E-02 -.601466190E-  
02  
-.584254953E-02 -.551448506E-02 -.502329017E-02 -.436674179E-02 -.354826417E-  
02  
-.257079639E-02 -.143606648E-02 -.146190360E-03 .129711118E-02 .289277249E-  
02  
.464007415E-02 .653854432E-02 .858791307E-02 .107880416E-01 .131388081E-01  
.156399446E-01 .182908145E-01 .210901103E-01 .240354444E-01 .271227929E-01  
.303457443E-01 .336944968E-01 .371545528E-01 .407050793E-01 .443169788E-01  
.479508646E-01 .515554111E-01 .550669500E-01 .584115703E-01 .615108895E-01  
.642913347E-01 .666940317E-01 .686811612E-01 .702396859E-01 .713820248E-01  
.721437518E-01 .725778245E-01 .727452082E-01 .727058630E-01 .725128134E-01  
.722095706E-01 .718299428E-01 .713991307E-01 .709353044E-01 .704512017E-01  
.159430153E-02 .239306783E-02 .325486482E-02 .249143655E-02 .175056611E-02

.991132623E-03 .209438315E-03 -.590468901E-03 -.140250928E-02 -.221935556E-02  
-.303229497E-02 -.383093307E-02 -.460285189E-02 -.533318412E-02 -.600293317E-02  
-.659286291E-02 -.707079791E-02 -.741826176E-02 -.762161761E-02 -.766856208E-02  
-.754999389E-02 -.725975045E-02 -.679098677E-02 -.614138998E-02 -.532414626E-02  
-.434523778E-02 -.320595426E-02 -.191069657E-02 -.462735633E-03 .113617445E-02  
.288442223E-02 .478053211E-02 .682317563E-02 .901108768E-02 .113429157E-01  
.138170188E-01 .164312137E-01 .191824551E-01 .220664273E-01 .250770206E-01  
.282056647E-01 .314404942E-01 .347653362E-01 .381585449E-01 .415917770E-01  
.450289114E-01 .484254825E-01 .517291649E-01 .548819258E-01 .578242149E-01  
.605008098E-01 .628668807E-01 .648925666E-01 .665656725E-01 .678922072E-01  
.688946994E-01 .696083084E-01 .700752259E-01 .703390416E-01 .704404794E-01  
.704149516E-01 .702916739E-01 .700938245E-01 .698392620E-01 .695414546E-01  
.143075398E-02 .211355670E-02 .276331130E-02 .209126355E-02 .131891020E-02  
.501682487E-03 -.346028640E-03 -.121804740E-02 -.210895930E-02 -.301225720E-02  
-.391976456E-02 -.482129077E-02 -.570429709E-02 -.655448819E-02 -.733196958E-02  
-.800883767E-02 -.856323635E-02 -.897988841E-02 -.924710485E-02 -.935481483E-02  
-.929431894E-02 -.905787720E-02 -.863799360E-02 -.802917061E-02 -.723061151E-02  
-.624462597E-02 -.509241482E-02 -.378490093E-02 -.232721829E-02 -.720384593E-03  
.103312844E-02 .293085256E-02 .497050340E-02 .714985420E-02 .946653071E-02  
.119177736E-01 .145001678E-01 .172093245E-01 .200394998E-01 .229831297E-01  
.260302717E-01 .291679445E-01 .323793827E-01 .356432532E-01 .389329304E-01  
.422160037E-01 .454542678E-01 .486045090E-01 .516203687E-01 .544553634E-01  
.570667397E-01 .594194012E-01 .614890580E-01 .632641366E-01 .647462052E-01  
.659488562E-01 .668951772E-01 .676142484E-01 .681375018E-01 .684957049E-01  
.687169359E-01 .688255400E-01 .688418498E-01 .687823968E-01 .686603840E-01  
.123572595E-02 .187545898E-02 .254662622E-02 .169991023E-02 .842767296E-03  
-.414220500E-04 -.956117251E-03 -.190084210E-02 -.287259808E-02 -.386611381E-02  
-.487394512E-02 -.588630651E-02 -.688985338E-02 -.783573481E-02 -.869152033E-02  
-.943508721E-02 -.100502193E-01 -.105247881E-01 -.108490065E-01 -.110142135E-01  
-.110123323E-01 -.108355162E-01 -.104759491E-01 -.992639416E-02 -.918105642E-02  
-.823620053E-02 -.709436918E-02 -.576592442E-02 -.429427047E-02 -.267405173E-02  
-.910057646E-03 .994093356E-03 .303530838E-02 .521061856E-02 .751687285E-02  
.995046463E-02 .125070574E-01 .151812867E-01 .179664205E-01 .208539680E-01  
.238332302E-01 .268908005E-01 .300100389E-01 .331705718E-01 .363479019E-01  
.395132570E-01 .426338388E-01 .456736451E-01 .485949836E-01 .513606589E-01  
.539365991E-01 .562944863E-01 .584139159E-01 .602837409E-01 .619024135E-01  
.632772829E-01 .644229703E-01 .653591245E-01 .661080198E-01 .666924370E-01  
.671340882E-01 .674526484E-01 .676653153E-01 .677867551E-01 .678292878E-01  
.100054801E-02 .154630072E-02 .212914323E-02 .121106433E-02 .295778446E-03

-.644927503E-03 -.162151677E-02 -.263716989E-02 -.369068519E-02 -.477767621E-02  
-.589141409E-02 -.702004971E-02 -.811003681E-02 -.912416206E-02 -.100374409E-01  
-.108327056E-01 -.114973867E-01 -.120216643E-01 -.123972101E-01 -.126163585E-01  
-.126716344E-01 -.125554724E-01 -.122600933E-01 -.117776466E-01 -.111005200E-01  
-.102218343E-01 -.913701982E-02 -.784626032E-02 -.636289008E-02 -.472157092E-02  
-.294083956E-02 -.102477147E-02 .102316178E-02 .319957155E-02 .550081019E-02  
.792269751E-02 .104602664E-01 .131075009E-01 .158570517E-01 .186999206E-01  
.216251148E-01 .246192825E-01 .276663576E-01 .307472584E-01 .338397099E-01  
.369182763E-01 .399547070E-01 .429186848E-01 .457790201E-01 .485052463E-01  
.510694507E-01 .534480809E-01 .556234370E-01 .575846260E-01 .593278395E-01  
.608559332E-01 .621773907E-01 .633048717E-01 .642536155E-01 .650399646E-01  
.656801889E-01 .661896810E-01 .665825053E-01 .668712280E-01 .670669399E-01  
.715894765E-03 .110393261E-02 .147204592E-02 .603303189E-03 -.330128503E-03  
-.130944030E-02 -.233928904E-02 -.342261835E-02 -.455829979E-02 -.574168817E-02  
-.696532167E-02 -.817390287E-02 -.932413074E-02 -.103872102E-01 -.113438158E-01  
-.121804379E-01 -.128869426E-01 -.134550805E-01 -.138775457E-01 -.141473797E-01  
-.142576069E-01 -.142010154E-01 -.139700476E-01 -.135568059E-01 -.129531533E-01  
-.121509591E-01 -.111427617E-01 -.992308938E-02 -.849162007E-02 -.685802083E-02  
-.505398653E-02 -.312028348E-02 -.106021180E-02 .112277673E-02 .342481658E-02  
.584140658E-02 .836720268E-02 .109958086E-01 .137195535E-01 .165292523E-01  
.194139517E-01 .223606744E-01 .253541888E-01 .283768424E-01 .314085088E-01  
.344267109E-01 .374069781E-01 .403234841E-01 .431499746E-01 .458609370E-01  
.484328983E-01 .508456869E-01 .530834784E-01 .551354793E-01 .569961582E-01  
.586650080E-01 .601458957E-01 .614461286E-01 .625753997E-01 .635447807E-01  
.643658800E-01 .650502281E-01 .656088912E-01 .660522791E-01 .663900897E-01  
.377178257E-03 .640957593E-03 .970179134E-03 -.539156592E-04 -.101768392E-02  
-.202494924E-02 -.310056785E-02 -.424899656E-02 -.546813488E-02 -.675207517E-02  
-.805149614E-02 -.931447912E-02 -.105068059E-01 -.116059191E-01 -.125965190E-01  
-.134676300E-01 -.142107312E-01 -.148186085E-01 -.152846444E-01 -.156023749E-01  
-.157652126E-01 -.157662762E-01 -.155982910E-01 -.152535502E-01 -.147239280E-01  
-.140009710E-01 -.130761632E-01 -.119415058E-01 -.105907852E-01 -.902199407E-02  
-.724324398E-02 -.528653140E-02 -.320899901E-02 -.101389100E-02 .129493276E-02  
.371285335E-02 .623435051E-02 .885285676E-02 .115606024E-01 .143484487E-01  
.172057118E-01 .201199913E-01 .230770274E-01 .260606187E-01 .290526390E-01  
.320331925E-01 .349809422E-01 .378736327E-01 .406888019E-01 .434046407E-01



.460009220E-01 .484598919E-01 .507670102E-01 .529114462E-01 .548862712E-01  
.566883389E-01 .583178914E-01 .597779733E-01 .610737581E-01 .622118898E-01  
.631999217E-01 .640458918E-01 .647580423E-01 .653446604E-01 .658140033E-01  
.223559974E-05 -.366471810E-04 -.220937411E-03 -.897368912E-03 -.177254772E-  
02  
-.277736360E-02 -.389111216E-02 -.510419195E-02 -.641023081E-02 -.776960765E-  
02  
-.912019321E-02 -.104204025E-01 -.116429943E-01 -.127698865E-01 -.137885602E-  
01  
-.146897453E-01 -.154659780E-01 -.161107165E-01 -.166177986E-01 -.169811028E-  
01  
-.171943366E-01 -.172509005E-01 -.171438021E-01 -.168656043E-01 -.164084021E-  
01  
-.157638354E-01 -.149231732E-01 -.138775337E-01 -.126183942E-01 -.111387179E-  
01  
-.943571984E-02 -.751740265E-02 -.541745776E-02 -.320484664E-02 -.883283623E-  
03  
.154263015E-02 .406733453E-02 .668423354E-02 .938561077E-02 .121625320E-01  
.150047348E-01 .179005174E-01 .208366515E-01 .237983495E-01 .267693127E-01  
.297318868E-01 .326673439E-01 .355562979E-01 .383792434E-01 .411171849E-01  
.437523026E-01 .462685833E-01 .486523456E-01 .508925998E-01 .529812067E-01  
.549128325E-01 .566847265E-01 .582963781E-01 .597491187E-01 .610457369E-01  
.621901560E-01 .631871981E-01 .640424335E-01 .647620934E-01 .653530141E-01  
-.353220643E-03 -.587776348E-03 -.982337042E-03 -.164035122E-02 -.250346200E-  
02  
-.352790708E-02 -.468911812E-02 -.597232593E-02 -.735630246E-02 -.876662531E-  
02  
-.101519906E-01 -.114785788E-01 -.127242052E-01 -.138739277E-01 -.149171299E-  
01  
-.158456836E-01 -.166528185E-01 -.173324311E-01 -.178786607E-01 -.182856259E-  
01  
-.185472578E-01 -.186571905E-01 -.186086880E-01 -.183945919E-01 -.180072845E-  
01  
-.174386665E-01 -.166801621E-01 -.157227796E-01 -.145572994E-01 -.131747660E-  
01  
-.115677407E-01 -.973331193E-02 -.768013772E-02 -.544492728E-02 -.310481998E-  
02  
-.664336697E-03 .187098874E-02 .449460492E-02 .719893350E-02 .997534141E-02  
.128140839E-01 .157042286E-01 .186335963E-01 .215887504E-01 .245550528E-01  
.275168035E-01 .304574696E-01 .333600059E-01 .362072549E-01 .389824012E-01  
.416694415E-01 .442536264E-01 .467218263E-01 .490627867E-01 .512672545E-01  
.533279749E-01 .552395863E-01 .569984490E-01 .586024588E-01 .600508853E-01  
.613442669E-01 .624843660E-01 .634741719E-01 .643179173E-01 .650210733E-01  
-.660432665E-03 -.103226868E-02 -.155662181E-02 -.227458239E-02 -.317915457E-  
02  
-.425213690E-02 -.547731718E-02 -.684089580E-02 -.827861645E-02 -.972431852E-  
02  
-.111346300E-01 -.124814052E-01 -.137461039E-01 -.149160107E-01 -.159818364E-  
01  
-.169362368E-01 -.177729104E-01 -.184860484E-01 -.190699980E-01 -.195190516E-  
01  
-.198273140E-01 -.199886129E-01 -.199964367E-01 -.198438867E-01 -.195236370E-  
01

-.190278992E-01 -.183483958E-01 -.174763531E-01 -.164025501E-01 -.151175084E-01  
-.136120322E-01 -.118785613E-01 -.991441021E-02 -.772953502E-02 -.536527585E-02  
-.290378301E-02 -.350570966E-03 .228785213E-02 .500406369E-02 .778977865E-02  
.106358354E-01 .135321183E-01 .164674976E-01 .194298210E-01 .224059659E-01  
.253819542E-01 .283431305E-01 .312744003E-01 .341605170E-01 .369863986E-01  
.397374485E-01 .423998506E-01 .449608104E-01 .474087228E-01 .497332601E-01  
.519253877E-01 .539773328E-01 .558825393E-01 .576356485E-01 .592325346E-01  
.606704099E-01 .619479888E-01 .630656755E-01 .640257226E-01 .648323056E-01  
-.921517818E-03 -.140026794E-02 -.202739869E-02 -.282497041E-02 -.379760905E-02  
-.494030660E-02 -.624593241E-02 -.767775039E-02 -.915751931E-02 -.106305832E-01  
-.120609121E-01 -.134249694E-01 -.147070239E-01 -.158960335E-01 -.169836905E-01  
-.179632239E-01 -.188286725E-01 -.195744420E-01 -.201950339E-01 -.206848758E-01  
-.210382132E-01 -.212490367E-01 -.213110293E-01 -.212175239E-01 -.209614656E-01  
-.205353731E-01 -.199313016E-01 -.191408095E-01 -.181549465E-01 -.169643023E-01  
-.155592131E-01 -.139303384E-01 -.120701127E-01 -.997631833E-02 -.766092836E-02  
-.517209835E-02 -.259386518E-02 .672176429E-04 .280382431E-02 .560802591E-02  
.847131485E-02 .113844454E-01 .143373378E-01 .173190660E-01 .203179033E-01  
.233214145E-01 .263165871E-01 .292899984E-01 .322280088E-01 .351169673E-01  
.379434114E-01 .406942426E-01 .433568610E-01 .459192510E-01 .483700211E-01  
.506984130E-01 .528943098E-01 .549482798E-01 .568516933E-01 .585969431E-01  
.601777716E-01 .615896788E-01 .628303486E-01 .639000021E-01 .648015903E-01  
-.114553457E-02 -.171369880E-02 -.243106199E-02 -.331241364E-02 -.436492231E-02  
-.558927426E-02 -.698081579E-02 -.846781749E-02 -.998246588E-02 -.114790111E-01  
-.129274334E-01 -.143079459E-01 -.156070746E-01 -.168151118E-01 -.179245300E-01  
-.189290152E-01 -.198228789E-01 -.206007014E-01 -.212571122E-01 -.217866533E-01  
-.221836912E-01 -.224423569E-01 -.225565025E-01 -.225196644E-01 -.223250284E-01  
-.219653940E-01 -.214331346E-01 -.207201559E-01 -.198178581E-01 -.187171206E-01  
-.174083509E-01 -.158816974E-01 -.141276613E-01 -.121386924E-01 -.991326465E-02  
-.746631045E-02 -.485594950E-02 -.216452008E-02 .600577018E-03 .343174448E-02  
.632128657E-02 .926091880E-02 .122416192E-01 .152536370E-01 .182865479E-01  
.213293275E-01 .243704423E-01 .273979540E-01 .303996340E-01 .333630747E-01  
.362757875E-01 .391252735E-01 .418990588E-01 .445846952E-01 .471697343E-01  
.496417022E-01 .519881094E-01 .541965458E-01 .562549083E-01 .581518010E-01  
.598771129E-01 .614227340E-01 .627833066E-01 .639568639E-01 .649451977E-01

-.134067902E-02 -.198698245E-02 -.278668457E-02 -.375118727E-02 -.488839040E-02  
-.620324673E-02 -.766874794E-02 -.920313183E-02 -.107487442E-01 -.122672443E-01  
-.137335137E-01 -.151308290E-01 -.164475743E-01 -.176751512E-01 -.188066906E-01  
-.198362712E-01 -.207584449E-01 -.215679498E-01 -.222595333E-01 -.228278424E-01  
-.232673528E-01 -.235723209E-01 -.237367470E-01 -.237543445E-01 -.236185097E-01  
-.233222884E-01 -.228583382E-01 -.222188850E-01 -.213956763E-01 -.203799362E-01  
-.191623417E-01 -.177330639E-01 -.160819816E-01 -.141993433E-01 -.120775827E-01  
-.971614466E-02 -.713427892E-02 -.440480265E-02 -.160350716E-02 .126225331E-02  
.418608952E-02 .716082396E-02 .101784794E-01 .132304223E-01 .163074548E-01  
.193998735E-01 .224975206E-01 .255898327E-01 .286658858E-01 .317144257E-01  
.347238751E-01 .376823077E-01 .405773844E-01 .433962565E-01 .461254519E-01  
.487507763E-01 .512572796E-01 .536293540E-01 .558510369E-01 .579065850E-01  
.597813472E-01 .614628896E-01 .629422212E-01 .642148704E-01 .652815270E-01  
-.151315307E-02 -.222953253E-02 -.310545658E-02 -.415037895E-02 -.537205254E-02  
-.677737248E-02 -.830524825E-02 -.988128198E-02 -.114555873E-01 -.129956739E-01  
-.144803445E-01 -.158953654E-01 -.172306609E-01 -.184785733E-01 -.196328080E-01  
-.206877969E-01 -.216383165E-01 -.224792571E-01 -.232054816E-01 -.238117391E-01  
-.242926084E-01 -.246424596E-01 -.248554248E-01 -.249253722E-01 -.248458795E-01  
-.246102045E-01 -.242112494E-01 -.236415193E-01 -.228930718E-01 -.219574611E-01  
-.208256812E-01 -.194881267E-01 -.179346183E-01 -.161546218E-01 -.141379899E-01  
-.118771119E-01 -.937285832E-02 -.665089550E-02 -.380599767E-02 -.899364041E-02  
.206568848E-02 .508309308E-02 .814576800E-02 .112461027E-01 .143760655E-01  
.175272232E-01 .206907459E-01 .238574026E-01 .270175456E-01 .301610698E-01  
.332773377E-01 .363550604E-01 .393821302E-01 .423454103E-01 .452304994E-01  
.480215121E-01 .507009365E-01 .532496636E-01 .556473037E-01 .578729113E-01  
.599062023E-01 .617292405E-01 .633283880E-01 .646960968E-01 .658320108E-01  
-.166743388E-02 -.244761368E-02 -.339454081E-02 -.451638176E-02 -.581974986E-02  
-.730655425E-02 -.888930480E-02 -.105030152E-01 -.121046379E-01 -.136664283E-01  
-.151703290E-01 -.166041223E-01 -.179590067E-01 -.192281259E-01 -.204056904E-01  
-.214864557E-01 -.224654122E-01 -.233376001E-01 -.240979988E-01 -.247414584E-01  
-.252626568E-01 -.256560698E-01 -.259159479E-01 -.260362948E-01 -.260108445E-01  
-.258330349E-01 -.254959751E-01 -.249924054E-01 -.243146480E-01 -.234545464E-01

-.224033962E-01 -.211518695E-01 -.196899551E-01 -.180069696E-01 -.160917969E-01  
-.139337759E-01 -.115253886E-01 -.886994193E-02 -.600318060E-02 -.305251563E-02  
-.404361151E-04 .302633217E-02 .614110879E-02 .929719755E-02 .124877129E-01  
.157054889E-01 .189430268E-01 .221924450E-01 .254454119E-01 .286930452E-01  
.319257632E-01 .351330763E-01 .383033105E-01 .414232640E-01 .444778124E-01  
.474495039E-01 .503182190E-01 .530610185E-01 .556523572E-01 .580648821E-01  
.602710224E-01 .622454494E-01 .639681693E-01 .654275558E-01 .666222790E-01  
-.180670739E-02 -.264545857E-02 -.365874985E-02 -.485446603E-02 -.624086581E-02  
-.779326328E-02 -.942316059E-02 -.110710803E-01 -.126989491E-01 -.142826533E-01  
-.158065926E-01 -.172601616E-01 -.186356043E-01 -.199267421E-01 -.211282284E-01  
-.222351135E-01 -.232425904E-01 -.241458469E-01 -.249399782E-01 -.256199352E-01  
-.261804916E-01 -.266162223E-01 -.269214848E-01 -.270904021E-01 -.271168432E-01  
-.269943984E-01 -.267163498E-01 -.262756331E-01 -.256647897E-01 -.248759063E-01  
-.239005413E-01 -.227296364E-01 -.213534201E-01 -.197613285E-01 -.179420169E-01  
-.158836761E-01 -.135752513E-01 -.110102700E-01 -.819830903E-02 -.519915984E-02  
-.213354744E-02 .988908655E-03 .416199941E-02 .738012242E-02 .106376319E-01  
.139286828E-01 .172471573E-01 .205865892E-01 .239400610E-01 .273000570E-01  
.306582521E-01 .340052212E-01 .373300514E-01 .406198487E-01 .438591439E-01  
.470292282E-01 .501074930E-01 .530669250E-01 .558760047E-01 .584993804E-01  
.608997666E-01 .630414192E-01 .648950686E-01 .664432241E-01 .676837228E-01  
-.193325313E-02 -.282587275E-02 -.390074357E-02 -.516541355E-02 -.662867526E-02  
-.823791185E-02 -.990950891E-02 -.115889725E-01 -.132422222E-01 -.148479957E-01  
-.163926272E-01 -.178667977E-01 -.192636038E-01 -.205774349E-01 -.218033283E-01  
-.229365991E-01 -.239726296E-01 -.249067495E-01 -.257341679E-01 -.264499343E-01  
-.270489151E-01 -.275257778E-01 -.278749777E-01 -.280907434E-01 -.281670604E-01  
-.280976484E-01 -.278759337E-01 -.274950128E-01 -.269476063E-01 -.262260002E-01  
-.253219723E-01 -.242267008E-01 -.229306561E-01 -.214234838E-01 -.196939155E-01  
-.177298146E-01 -.155186638E-01 -.130493610E-01 -.103177869E-01 -.734318327E-02  
-.421458397E-02 -.103056180E-02 .220600294E-02 .549126445E-02 .882097622E-02  
.121906887E-01 .155957400E-01 .190311795E-01 .224916474E-01 .259711972E-01  
.294630407E-01 .329591877E-01 .364499562E-01 .399233236E-01 .433641010E-01  
.467529334E-01 .500651752E-01 .532697838E-01 .563285435E-01 .591961814E-01  
.618222400E-01 .641557084E-01 .661528885E-01 .677870861E-01 .690556672E-01  
-.204876281E-02 -.299093862E-02 -.412261472E-02 -.545055191E-02 -.698267641E-02

-.864240440E-02 -.103516447E-01 -.120605460E-01 -.137384084E-01 -.153662832E-01  
-.169320515E-01 -.184274250E-01 -.198461926E-01 -.211832159E-01 -.224338601E-01  
-.235936744E-01 -.246582139E-01 -.256229419E-01 -.264831766E-01 -.272340626E-01  
-.278705546E-01 -.283874071E-01 -.287791643E-01 -.290401492E-01 -.291644483E-01  
-.291458917E-01 -.289780260E-01 -.286540801E-01 -.281669203E-01 -.275089935E-01  
-.266722558E-01 -.256480826E-01 -.244271580E-01 -.229993454E-01 -.213535531E-01  
-.194776456E-01 -.173585499E-01 -.149829747E-01 -.123399237E-01 -.942842014E-02  
-.628073772E-02 -.303262481E-02 .270847479E-03 .362701453E-02 .703282936E-02  
.104852471E-01 .139811375E-01 .175171835E-01 .210897547E-01 .246947208E-01  
.283271753E-01 .319810339E-01 .356484648E-01 .393191022E-01 .429789850E-01  
.466091704E-01 .501840003E-01 .536690889E-01 .570193181E-01 .601775523E-01  
.630755161E-01 .656391466E-01 .678008336E-01 .695179418E-01 .707884569E-01  
-.215455615E-02 -.314242975E-02 -.432660971E-02 -.571265441E-02 -.730547918E-02  
-.900997771E-02 -.107533397E-01 -.124897974E-01 -.141914824E-01 -.158413275E-01  
-.174284541E-01 -.189453989E-01 -.203865097E-01 -.217470360E-01 -.230226192E-01  
-.242090116E-01 -.253019228E-01 -.262969386E-01 -.271894794E-01 -.279747799E-01  
-.286478779E-01 -.292036086E-01 -.296365978E-01 -.299412527E-01 -.301117486E-01  
-.301420100E-01 -.300256853E-01 -.297561125E-01 -.293262765E-01 -.287287538E-01  
-.279556435E-01 -.269984801E-01 -.258481254E-01 -.244946361E-01 -.229271116E-01  
-.211335409E-01 -.191007187E-01 -.168144384E-01 -.142605811E-01 -.114290072E-01  
-.832641553E-02 -.501867003E-02 -.164599554E-02 .178370985E-02 .526821310E-02  
.880596346E-02 .123954633E-01 .160351540E-01 .197233152E-01 .234579006E-01  
.272362729E-01 .310548003E-01 .349082558E-01 .387889450E-01 .426854576E-01  
.465809110E-01 .504505353E-01 .542584713E-01 .579538292E-01 .614665860E-01  
.647052065E-01 .675603835E-01 .699223495E-01 .717173927E-01 .729478475E-01  
-.225166452E-02 -.328187056E-02 -.451514702E-02 -.595665336E-02 -.760078432E-02  
-.934430996E-02 -.111184401E-01 -.128806346E-01 -.146052774E-01 -.162767952E-01  
-.178852912E-01 -.194239561E-01 -.208875849E-01 -.222717415E-01 -.235722966E-01  
-.247851752E-01 -.259062220E-01 -.269311331E-01 -.278554225E-01 -.286744081E-01  
-.293832053E-01 -.299767239E-01 -.304496640E-01 -.307965088E-01 -.310115121E-01  
-.310886806E-01 -.310217492E-01 -.308041476E-01 -.304289582E-01 -.298888625E-01

-.291760741E-01 -.282822545E-01 -.271984084E-01 -.259147536E-01 -.244205638E-01  
-.227039872E-01 -.207518730E-01 -.185497061E-01 -.160819770E-01 -.133340091E-01  
-.102984738E-01 -.699686346E-02 -.354734033E-02 -.422104439E-04 .352216054E-02  
.714635406E-02 .108306203E-01 .145752577E-01 .183806178E-01 .222469946E-01  
.261744114E-01 .301622681E-01 .342087827E-01 .383101321E-01 .424591416E-01  
.466433042E-01 .508417989E-01 .550210457E-01 .591282449E-01 .630825885E-01  
.667652922E-01 .700144188E-01 .726418596E-01 .745037132E-01 .756209278E-01  
-.234084324E-02 -.341025295E-02 -.468944468E-02 -.618405300E-02 -.787110224E-02  
-.964856456E-02 -.114504516E-01 -.132366739E-01 -.149833661E-01 -.166761243E-01  
-.183058218E-01 -.198661641E-01 -.213522997E-01 -.227600453E-01 -.240854586E-01  
-.253246091E-01 -.264734579E-01 -.275277977E-01 -.284832268E-01 -.293351390E-01  
-.300787207E-01 -.307089504E-01 -.312205962E-01 -.316082100E-01 -.318661160E-01  
-.319883936E-01 -.319688528E-01 -.318010019E-01 -.314780052E-01 -.309926311E-01  
-.303371860E-01 -.295034338E-01 -.284824939E-01 -.272647156E-01 -.258395219E-01  
-.241952198E-01 -.223187868E-01 -.201956802E-01 -.178098342E-01 -.151443847E-01  
-.121848235E-01 -.893010281E-02 -.543013917E-02 -.185356840E-02 .178979700E-02  
.549991168E-02 .927838983E-02 .131273830E-01 .170494235E-01 .210473550E-01  
.251242060E-01 .292829492E-01 .335260805E-01 .378549129E-01 .422684195E-01  
.467613442E-01 .513210997E-01 .559226083E-01 .605196044E-01 .650299944E-01  
.693123638E-01 .731347309E-01 .761605122E-01 .780566118E-01 .789220769E-01  
-.242262818E-02 -.352808599E-02 -.484949723E-02 -.639254465E-02 -.811749391E-02  
-.992519328E-02 -.117524136E-01 -.135611631E-01 -.153290090E-01 -.170424850E-01  
-.186930756E-01 -.202748927E-01 -.217833643E-01 -.232145080E-01 -.245645332E-01  
-.258296284E-01 -.270058526E-01 -.280890825E-01 -.290749907E-01 -.299590392E-01  
-.307364790E-01 -.314023513E-01 -.319514865E-01 -.323784992E-01 -.326777777E-01  
-.328434668E-01 -.328694438E-01 -.327492861E-01 -.324762295E-01 -.320431166E-01  
-.314423322E-01 -.306657249E-01 -.297045087E-01 -.285491418E-01 -.271891746E-01  
-.256130612E-01 -.238079328E-01 -.217593496E-01 -.194511129E-01 -.168654248E-01  
-.139843375E-01 -.107956402E-01 -.731409288E-02 -.365634705E-02 .658821935E-04  
.386015067E-02 .773057909E-02 .116813350E-01 .157172044E-01 .198437093E-01  
.240671217E-01 .283944012E-01 .328330096E-01 .373905223E-01 .420738934E-01  
.468881256E-01 .518338704E-01 .569029919E-01 .620699724E-01 .672742279E-01  
.723818838E-01 .771035918E-01 .808456352E-01 .826604820E-01 .829875083E-01

-.249745349E-02 -.363583772E-02 -.499566018E-02 -.658233807E-02 -.834132864E-02  
-.101764361E-01 -.120270430E-01 -.138570220E-01 -.156451624E-01 -.173787758E-01  
-.190498439E-01 -.206528039E-01 -.221833065E-01 -.236375293E-01 -.250118030E-01  
-.263024137E-01 -.275055019E-01 -.286170158E-01 -.296326928E-01 -.305480553E-01  
-.313584126E-01 -.320588632E-01 -.326442948E-01 -.331093798E-01 -.334485656E-01  
-.336560576E-01 -.337257950E-01 -.336514186E-01 -.334262292E-01 -.330431362E-01  
-.324945943E-01 -.317725265E-01 -.308682290E-01 -.297722543E-01 -.284742654E-01  
-.269628527E-01 -.252253074E-01 -.232473526E-01 -.210128675E-01 -.185037522E-01  
-.157004424E-01 -.125847915E-01 -.915119692E-02 -.544656443E-02 -.165320680E-02  
.222103934E-02 .617927871E-02 .102271244E-01 .143715077E-01 .186206220E-01  
.229840539E-01 .274729393E-01 .321000948E-01 .368800818E-01 .418291389E-01  
.469648715E-01 .523054961E-01 .578682067E-01 .636655155E-01 .696957565E-01  
.759130854E-01 .821163399E-01 .874994895E-01 .887679465E-01 .878963581E-01  
-.256574775E-02 -.373407493E-02 -.512866442E-02 -.675452248E-02 -.854428859E-02  
-.104044801E-01 -.122768427E-01 -.141269027E-01 -.159345106E-01 -.176876398E-01  
-.193786860E-01 -.210023530E-01 -.225544706E-01 -.240313445E-01 -.254294027E-01  
-.267450102E-01 -.279743747E-01 -.291135047E-01 -.301581935E-01 -.311040168E-01  
-.319463362E-01 -.326803025E-01 -.333008561E-01 -.338027236E-01 -.341804080E-01  
-.344281722E-01 -.345400142E-01 -.345096356E-01 -.343303994E-01 -.339952788E-01  
-.334967950E-01 -.328269412E-01 -.319770908E-01 -.309378846E-01 -.296990908E-01  
-.282494305E-01 -.265763575E-01 -.246657877E-01 -.225017877E-01 -.200662939E-01  
-.173391402E-01 -.142993660E-01 -.109312145E-01 -.724723021E-02 -.337477400E-02  
.576425841E-03 .461702628E-02 .875530856E-02 .130004225E-01 .173631194E-01  
.218561634E-01 .264947548E-01 .312970207E-01 .362845956E-01 .414833270E-01  
.469241828E-01 .526445628E-01 .586905933E-01 .651221538E-01 .720260397E-01  
.795540605E-01 .880371096E-01 .983177539E-01 .970183792E-01 .932874452E-01  
-.262797033E-02 -.382346294E-02 -.524945983E-02 -.691050718E-02 -.872819172E-02  
-.106114574E-01 -.125041436E-01 -.143732314E-01 -.161994973E-01 -.179714855E-01  
-.196819432E-01 -.213257961E-01 -.228990210E-01 -.243980266E-01 -.258193193E-01  
-.271593272E-01 -.284143134E-01 -.295803367E-01 -.306532379E-01 -.316286399E-01  
-.325019509E-01 -.332683696E-01 -.339228855E-01 -.344602768E-01 -.348750996E-01

-.351616727E-01 -.353140523E-01 -.353260001E-01 -.351909415E-01 -.349019146E-01  
-.344515079E-01 -.338317864E-01 -.330342016E-01 -.320494833E-01 -.308675061E-01  
-.294771228E-01 -.278659549E-01 -.260201301E-01 -.239239619E-01 -.215596035E-01  
-.189068175E-01 -.159434063E-01 -.126482323E-01 -.901384953E-02 -.509507872E-02  
-.107750065E-02 .303744395E-02 .725743504E-02 .115931226E-01 .160574285E-01  
.206659004E-01 .254373488E-01 .303946733E-01 .355659266E-01 .409857187E-01  
.466971445E-01 .527545927E-01 .592282478E-01 .662124817E-01 .738451240E-01  
.823633702E-01 .923026617E-01 .105314072E+00 .103204618E+00 .979116236E-01  
-.268461014E-02 -.390472851E-02 -.535909451E-02 -.705179187E-02 -.889486213E-02  
-.107994090E-01 -.127111135E-01 -.145982320E-01 -.164423500E-01 -.182325071E-01  
-.199617530E-01 -.216252010E-01 -.232189496E-01 -.247394914E-01 -.261833955E-01  
-.275471413E-01 -.288270365E-01 -.300191815E-01 -.311194580E-01 -.321235298E-01  
-.330268474E-01 -.338246532E-01 -.345119834E-01 -.350836651E-01 -.355343071E-01  
-.358582833E-01 -.360497091E-01 -.361024079E-01 -.360098705E-01 -.357652031E-01  
-.353610668E-01 -.347896036E-01 -.340423498E-01 -.331101312E-01 -.319829360E-01  
-.306497570E-01 -.290983940E-01 -.273152034E-01 -.252847851E-01 -.229896119E-01  
-.204096691E-01 -.175223962E-01 -.143040093E-01 -.107361668E-01 -.683303217E-02  
-.274729587E-02 .143470018E-02 .572629901E-02 .101403895E-01 .146917437E-01  
.193980975E-01 .242810953E-01 .293674097E-01 .346901880E-01 .402909785E-01  
.462223312E-01 .525513084E-01 .593640406E-01 .667706033E-01 .749049925E-01  
.838938474E-01 .936702438E-01 .103059769E+00 .105471725E+00  
.101754039E+00  
-.273617234E-02 -.397862385E-02 -.545864050E-02 -.717986165E-02 -.904605598E-02  
-.109702532E-01 -.128997562E-01 -.148039395E-01 -.166650973E-01 -.184727018E-01  
-.202200641E-01 -.219024581E-01 -.235160839E-01 -.250575030E-01 -.265233347E-01  
-.279100994E-01 -.292141408E-01 -.304315940E-01 -.315583752E-01 -.325901840E-01  
-.335225091E-01 -.343506337E-01 -.350696383E-01 -.356743979E-01 -.361595734E-01  
-.365195952E-01 -.367486393E-01 -.368405946E-01 -.367890215E-01 -.365871008E-01  
-.362275735E-01 -.357026679E-01 -.350040155E-01 -.341225502E-01 -.330483866E-01  
-.317706719E-01 -.302774003E-01 -.285551776E-01 -.265889229E-01 -.243614987E-01  
-.218532944E-01 -.190419169E-01 -.159026056E-01 -.124117310E-01 -.856256442E-02



-.443049805E-02 -.194399065E-03 .415655062E-02 .863514176E-02 .132569474E-01  
.180409945E-01 .230107055E-01 .281951599E-01 .336307781E-01 .393635817E-01  
.454522436E-01 .519721751E-01 .590208709E-01 .667244468E-01 .752443924E-01  
.847813668E-01 .955701261E-01 .107871248E+00 .113858856E+00  
.106043792E+00  
-.278316553E-02 -.404590196E-02 -.554915367E-02 -.729613930E-02 -.918342501E-02  
-.111257686E-01 -.130719094E-01 -.149922083E-01 -.168695823E-01 -.186938828E-01  
-.204586485E-01 -.221592910E-01 -.237920959E-01 -.253536808E-01 -.268407057E-01  
-.282497230E-01 -.295771058E-01 -.308190173E-01 -.319714032E-01 -.330299948E-01  
-.339903153E-01 -.348476864E-01 -.355972311E-01 -.362338719E-01 -.367523223E-01  
-.371470708E-01 -.374123571E-01 -.375421399E-01 -.375300556E-01 -.373693673E-01  
-.370529055E-01 -.365729965E-01 -.359213807E-01 -.350891152E-01 -.340664588E-01  
-.328427322E-01 -.314061452E-01 -.297435780E-01 -.278403018E-01 -.256796237E-01  
-.232424566E-01 -.205068818E-01 -.174480273E-01 -.140395296E-01 -.102614420E-01  
-.613387361E-02 -.185398712E-02 .254423342E-02 .707270416E-02 .117471718E-01  
.165870693E-01 .216164061E-01 .268650783E-01 .323706382E-01 .381806889E-01  
.443561435E-01 .509756892E-01 .581419946E-01 .659908954E-01 .747080668E-01  
.845737083E-01 .961328507E-01 .110953513E+00 .119356567E+00  
.108292359E+00  
-.282609320E-02 -.410730448E-02 -.563165833E-02 -.740196883E-02 -.930850298E-02  
-.112675871E-01 -.132292465E-01 -.151647188E-01 -.170574722E-01 -.188976911E-01  
-.206791127E-01 -.223972666E-01 -.240485102E-01 -.256295070E-01 -.271369487E-01  
-.285674134E-01 -.299172971E-01 -.311827862E-01 -.323598516E-01 -.334442525E-01  
-.344315440E-01 -.353170841E-01 -.360960377E-01 -.367633745E-01 -.373138615E-01  
-.377420478E-01 -.380422406E-01 -.382084737E-01 -.382344662E-01 -.381135727E-01  
-.378387242E-01 -.374023585E-01 -.367963400E-01 -.360118675E-01 -.350393639E-01  
-.338683462E-01 -.324872650E-01 -.308833032E-01 -.290421185E-01 -.269475129E-01  
-.245810159E-01 -.219214077E-01 -.189443579E-01 -.156229380E-01 -.119320560E-01  
-.786937855E-02 -.354665273E-02 .887674732E-03 .545126359E-02 .101602355E-01  
.150335982E-01 .200947133E-01 .253726198E-01 .309037342E-01 .367341470E-01  
.429227659E-01 .495456389E-01 .567018204E-01 .645207717E-01 .731686897E-01  
.828376240E-01 .936342238E-01 .104957219E+00 .112349815E+00  
.107855423E+00

-.286544937E-02 -.416356148E-02 -.570715383E-02 -.749861875E-02 -.942270449E-02  
-.113971928E-01 -.133732777E-01 -.153229832E-01 -.172302664E-01 -.190856045E-01  
-.208829070E-01 -.226178040E-01 -.242867125E-01 -.258863328E-01 -.274133816E-01  
-.288644564E-01 -.302359711E-01 -.315241311E-01 -.327249288E-01 -.338341485E-01  
-.348473749E-01 -.357600010E-01 -.365672326E-01 -.372640872E-01 -.378453869E-01  
-.383057439E-01 -.386395370E-01 -.388408808E-01 -.389035849E-01 -.388211048E-01  
-.385864836E-01 -.381922847E-01 -.376305135E-01 -.368925293E-01 -.359689411E-01  
-.348494867E-01 -.335228846E-01 -.319766505E-01 -.301968638E-01 -.281678655E-01  
-.258718713E-01 -.232884991E-01 -.203942996E-01 -.171627071E-01 -.135661106E-01  
-.958682033E-02 -.526488790E-02 -.811450400E-03 .377209207E-02 .849780795E-02  
.133828623E-01 .184487164E-01 .237219459E-01 .292356554E-01 .350314380E-01  
.411620855E-01 .476954193E-01 .547198504E-01 .623525905E-01 .707516341E-01  
.801315581E-01 .907770432E-01 .103031215E+00 .117251396E+00  
.109388433E+00  
-.290171364E-02 -.421540100E-02 -.577665378E-02 -.758729912E-02 -.952732561E-02  
-.115159193E-01 -.135053504E-01 -.154683486E-01 -.173893030E-01 -.192589458E-01  
-.210713341E-01 -.228221826E-01 -.245079571E-01 -.261253863E-01 -.276712059E-01  
-.291420277E-01 -.305342795E-01 -.318441822E-01 -.330677463E-01 -.342007791E-01  
-.352388932E-01 -.361775154E-01 -.370118922E-01 -.377370896E-01 -.383479864E-01  
-.388392607E-01 -.392053674E-01 -.394405075E-01 -.395385887E-01 -.394931770E-01  
-.392974398E-01 -.389440798E-01 -.384252604E-01 -.377325207E-01 -.368566780E-01  
-.357877155E-01 -.345146468E-01 -.330253506E-01 -.313063608E-01 -.293425964E-01  
-.271170106E-01 -.246101477E-01 -.217996427E-01 -.186598859E-01 -.151628133E-01  
-.112837136E-01 -.702841610E-02 -.255360918E-02 .203874615E-02 .676520535E-02  
.116419641E-01 .166878323E-01 .219255905E-01 .273831772E-01 .330951175E-01  
.391044385E-01 .454654250E-01 .522479767E-01 .595455563E-01 .674928264E-01  
.763142241E-01 .864849368E-01 .993370846E-01 .119524965E+00 .106862886E+00  
-.293532805E-02 -.426355724E-02 -.584131010E-02 -.766917812E-02 -.962352802E-02  
-.116249357E-01 -.136266430E-01 -.156019984E-01 -.175357640E-01 -.194188900E-01  
-.212455576E-01 -.230115511E-01 -.247133748E-01 -.263477792E-01 -.279115132E-01

-.294011990E-01 -.308132747E-01 -.321439735E-01 -.333893224E-01 -.345451490E-01  
-.356070927E-01 -.365706136E-01 -.374309987E-01 -.381833631E-01 -.388226442E-01  
-.393435889E-01 -.397407322E-01 -.400083673E-01 -.401405072E-01 -.401308378E-01  
-.399726617E-01 -.396588351E-01 -.391816950E-01 -.385329789E-01 -.377037338E-01  
-.366842116E-01 -.354637468E-01 -.340306089E-01 -.323718161E-01 -.304728971E-01  
-.283175804E-01 -.258873923E-01 -.231611714E-01 -.201146116E-01 -.167203853E-01  
-.129511414E-01 -.879503153E-02 -.432595422E-02 .259385694E-03 .497139655E-02  
.982233616E-02 .148270502E-01 .200034000E-01 .253728105E-01 .309609275E-01  
.367983940E-01 .429217868E-01 .493748187E-01 .562100262E-01 .634911136E-01  
.712939066E-01 .796860912E-01 .885541797E-01 .965058971E-01 .945744468E-01  
-.296662424E-02 -.430870525E-02 -.590284596E-02 -.774530968E-02 -.971226748E-02  
-.117252136E-01 -.137381555E-01 -.157249534E-01 -.176706817E-01 -.195664728E-01  
-.214066105E-01 -.231869353E-01 -.249039809E-01 -.265545137E-01 -.281352914E-01  
-.296429431E-01 -.310739142E-01 -.324244482E-01 -.336905862E-01 -.348681753E-01  
-.359528802E-01 -.369401936E-01 -.378254436E-01 -.386037949E-01 -.392702454E-01  
-.398196133E-01 -.402465174E-01 -.405453484E-01 -.407102313E-01 -.407349801E-01  
-.406130434E-01 -.403374428E-01 -.399007039E-01 -.392947797E-01 -.385109654E-01  
-.375398031E-01 -.363709713E-01 -.349931541E-01 -.333938784E-01 -.315593076E-01  
-.294739701E-01 -.271204057E-01 -.244787165E-01 -.215260695E-01 -.182364294E-01  
-.145817231E-01 -.105393812E-01 -.612732252E-02 -.155875927E-02 .312737879E-02  
.793870347E-02 .128857068E-01 .179808277E-01 .232383714E-01 .286743891E-01  
.343062735E-01 .401517740E-01 .462268317E-01 .525408387E-01 .590857333E-01  
.658089774E-01 .725423114E-01 .788133657E-01 .834143331E-01 .840268563E-01  
-.299576091E-02 -.435087423E-02 -.596051389E-02 -.781593433E-02 -.979412990E-02  
-.118174920E-01 -.138407077E-01 -.158380793E-01 -.177949483E-01 -.197026006E-01  
-.215554052E-01 -.233492473E-01 -.250806834E-01 -.267464904E-01 -.283434317E-01  
-.298681400E-01 -.313170665E-01 -.326864628E-01 -.339723827E-01 -.351706916E-01  
-.362770788E-01 -.372870695E-01 -.381960324E-01 -.389991832E-01 -.396915813E-01  
-.402681186E-01 -.407235010E-01 -.410522211E-01 -.412485219E-01 -.413063526E-01  
-.412193167E-01 -.409806121E-01 -.405829657E-01 -.400185603E-01 -.392789559E-01

-.383550026E-01 -.372367415E-01 -.359132904E-01 -.343727035E-01 -.326017946E-01  
-.305859061E-01 -.283086042E-01 -.257512832E-01 -.228926907E-01 -.197085283E-01  
-.161718450E-01 -.122572898E-01 -.796253404E-02 -.340699578E-02 .124628666E-02  
.600827534E-02 .108860775E-01 .158868145E-01 .210178127E-01 .262859484E-01  
.316963508E-01 .372500834E-01 .429399781E-01 .487429903E-01 .546058327E-01  
.604176394E-01 .659594876E-01 .708239014E-01 .743496076E-01 .758470335E-01  
-.302279317E-02 -.439001786E-02 -.601399680E-02 -.788117124E-02 -.986951959E-02  
-.119023430E-01 -.139349704E-01 -.159421070E-01 -.179093314E-01 -.198280634E-01  
-.216927440E-01 -.234992955E-01 -.252442914E-01 -.269245158E-01 -.285367348E-01  
-.300775834E-01 -.315435164E-01 -.329307924E-01 -.342354770E-01 -.354534527E-01  
-.365804331E-01 -.376119753E-01 -.385434891E-01 -.393702414E-01 -.400873542E-01  
-.406897952E-01 -.411723599E-01 -.415296463E-01 -.417560198E-01 -.418455710E-01  
-.417920653E-01 -.415888860E-01 -.412289711E-01 -.407047450E-01 -.400080456E-01  
-.391300441E-01 -.380611587E-01 -.367909540E-01 -.353080224E-01 -.335998355E-01  
-.316525507E-01 -.294507558E-01 -.269771301E-01 -.242120211E-01 -.211330099E-01  
-.177148660E-01 -.139315645E-01 -.976729075E-02 -.526592688E-02 -.656162004E-03  
.404983721E-02 .885188169E-02 .137515802E-01 .187499283E-01 .238458999E-01  
.290346271E-01 .343045520E-01 .396328502E-01 .449780538E-01 .502683272E-01  
.553837380E-01 .601330603E-01 .642358568E-01 .673501546E-01 .692332980E-01  
-.304775983E-02 -.442615206E-02 -.606329238E-02 -.794118866E-02 -.993877794E-02  
-.119802379E-01 -.140215047E-01 -.160376577E-01 -.180144924E-01 -.199435489E-01  
-.218193316E-01 -.236377942E-01 -.253955239E-01 -.270893096E-01 -.287159185E-01  
-.302719863E-01 -.317539705E-01 -.331581360E-01 -.344805590E-01 -.357171390E-01  
-.368636131E-01 -.379155701E-01 -.388684607E-01 -.397176035E-01 -.404581839E-01  
-.410852462E-01 -.415936775E-01 -.419781836E-01 -.422332558E-01 -.423531303E-01  
-.423317398E-01 -.421626590E-01 -.418390446E-01 -.413535711E-01 -.406983628E-01  
-.398649220E-01 -.388440518E-01 -.376257707E-01 -.361992126E-01 -.345525044E-01  
-.326726079E-01 -.305451092E-01 -.281539374E-01 -.254810004E-01 -.225057694E-01  
-.192050290E-01 -.155537378E-01 -.115308981E-01 -.714713291E-02 -.256841846E-02  
.208195731E-02 .680681862E-02 .116046831E-01 .164715995E-01 .214004111E-01  
.263790150E-01 .313876691E-01 .363950407E-01 .413525982E-01 .461871133E-01

.507919315E-01 .550203280E-01 .586902549E-01 .616186594E-01 .637025271E-01  
-.307071346E-02 -.445934683E-02 -.610851509E-02 -.799619759E-02 -.100022231E-  
01  
-.120515874E-01 -.141007929E-01 -.161252666E-01 -.181110045E-01 -.200496571E-  
01  
-.219357865E-01 -.237653742E-01 -.255350189E-01 -.272415129E-01 -.288816237E-  
01  
-.304519871E-01 -.319490628E-01 -.333691211E-01 -.347082487E-01 -.359623612E-  
01  
-.371272190E-01 -.381984423E-01 -.391715225E-01 -.400418297E-01 -.408046129E-  
01  
-.414549936E-01 -.419879513E-01 -.423983010E-01 -.426806617E-01 -.428294177E-  
01  
-.428386721E-01 -.427021950E-01 -.424133662E-01 -.419651150E-01 -.413498571E-  
01  
-.405594299E-01 -.395850247E-01 -.384171140E-01 -.370453687E-01 -.354585597E-  
01  
-.336444300E-01 -.315895264E-01 -.292789700E-01 -.266961511E-01 -.238223574E-  
01  
-.206364497E-01 -.171151308E-01 -.132360675E-01 -.899336211E-02 -.446671382E-  
02  
.124985679E-03 .477393781E-02 .947367047E-02 .142159758E-01 .189892420E-01  
.237767272E-01 .285543099E-01 .332875450E-01 .379280307E-01 .424094635E-01  
.466446054E-01 .505259973E-01 .539354947E-01 .567686136E-01 .589730921E-01  
-.309172146E-02 -.448970447E-02 -.614982657E-02 -.804642934E-02 -.100601585E-  
01  
-.121167603E-01 -.141732582E-01 -.162054001E-01 -.181993675E-01 -.201469130E-  
01  
-.220426521E-01 -.238825916E-01 -.256633409E-01 -.273816952E-01 -.290344216E-  
01  
-.306181561E-01 -.321293600E-01 -.335643092E-01 -.349191004E-01 -.361896650E-  
01  
-.373717861E-01 -.384611148E-01 -.394531829E-01 -.403434115E-01 -.411271128E-  
01  
-.417994853E-01 -.423556008E-01 -.427903836E-01 -.430985807E-01 -.432747250E-  
01  
-.433130914E-01 -.432076462E-01 -.429519937E-01 -.425393192E-01 -.419623304E-  
01  
-.412131996E-01 -.402835034E-01 -.391641619E-01 -.378453718E-01 -.363165269E-  
01  
-.345661195E-01 -.325816068E-01 -.303492276E-01 -.278537521E-01 -.250781585E-  
01  
-.220032899E-01 -.186077798E-01 -.148694566E-01 -.107731404E-01 -.634546538E-  
02  
-.180507062E-02 .277390500E-02 .738306426E-02 .120115721E-01 .166450230E-01  
.212641915E-01 .258433913E-01 .303485227E-01 .347350342E-01 .389463154E-01  
.429135662E-01 .465588839E-01 .498037733E-01 .525843069E-01 .548698350E-01  
-.311086059E-02 -.451734310E-02 -.618740568E-02 -.809211913E-02 -.101128717E-  
01  
-.121760916E-01 -.142392767E-01 -.162784687E-01 -.182800199E-01 -.202357773E-  
01  
-.221404060E-01 -.239899370E-01 -.257809893E-01 -.275103610E-01 -.291748194E-  
01

-.307710003E-01 -.322953671E-01 -.337442009E-01 -.351136082E-01 -.363995357E-01  
-.375977892E-01 -.387040497E-01 -.397138888E-01 -.406227776E-01 -.414260906E-01  
-.421191023E-01 -.426969756E-01 -.431547429E-01 -.434872782E-01 -.436892619E-01  
-.437551388E-01 -.436790704E-01 -.434548838E-01 -.430760176E-01 -.425354684E-01  
-.418257378E-01 -.409387801E-01 -.398659508E-01 -.385979534E-01 -.371247775E-01  
-.354356234E-01 -.335187994E-01 -.313615779E-01 -.289499936E-01 -.262685701E-01  
-.232999976E-01 -.200249252E-01 -.164225972E-01 -.124753594E-01 -.818982397E-02  
-.369064450E-02 .825880873E-03 .535429244E-02 .988221579E-02 .143936392E-01  
.188684133E-01 .232811323E-01 .275999499E-01 .317856192E-01 .357911985E-01  
.395631138E-01 .430444811E-01 .461814449E-01 .489323144E-01 .512770905E-01  
-.312821157E-02 -.454238603E-02 -.622143349E-02 -.813349587E-02 -.101606325E-01  
-.122298865E-01 -.142991849E-01 -.163448360E-01 -.183533481E-01 -.203166553E-01  
-.222294689E-01 -.240878425E-01 -.258884048E-01 -.276279570E-01 -.293032665E-01  
-.309109699E-01 -.324475323E-01 -.339092403E-01 -.352922099E-01 -.365924032E-01  
-.378056474E-01 -.389276532E-01 -.399540304E-01 -.408802992E-01 -.417018946E-01  
-.424141652E-01 -.430123631E-01 -.434916262E-01 -.438469528E-01 -.440731676E-01  
-.441648821E-01 -.441164489E-01 -.439219128E-01 -.435749603E-01 -.430688694E-01  
-.423964614E-01 -.415500552E-01 -.405214245E-01 -.393017549E-01 -.378815980E-01  
-.362508148E-01 -.343984991E-01 -.323128662E-01 -.299810929E-01 -.273890899E-01  
-.245212130E-01 -.213599972E-01 -.178863272E-01 -.140817128E-01 -.993935352E-02  
-.551144524E-02 -.105311810E-02 .340559824E-02 .784742734E-02 .122551959E-01  
.166088836E-01 .208844692E-01 .250532271E-01 .290814138E-01 .329306078E-01  
.365590951E-01 .399247011E-01 .429892194E-01 .457239419E-01 .481147966E-01  
-.314385502E-02 -.456495501E-02 -.625208506E-02 -.817077598E-02 -.102036903E-01  
-.122784223E-01 -.143532840E-01 -.164048245E-01 -.184196931E-01 -.203899038E-01  
-.223102106E-01 -.241766885E-01 -.259859758E-01 -.277348767E-01 -.294201598E-01  
-.310384621E-01 -.325862515E-01 -.340598197E-01 -.354552923E-01 -.367686460E-01  
-.379957289E-01 -.391322801E-01 -.401739467E-01 -.411162956E-01 -.419548205E-01  
-.426849414E-01 -.433019962E-01 -.438012251E-01 -.441777461E-01 -.444265236E-01

-.445423300E-01 -.445197026E-01 -.443528963E-01 -.440358364E-01 -.435620714E-01  
-.429247287E-01 -.421164747E-01 -.411294787E-01 -.399553794E-01 -.385852515E-01  
-.370095647E-01 -.352181282E-01 -.332000073E-01 -.309433958E-01 -.284354303E-01  
-.256619369E-01 -.226071563E-01 -.192536922E-01 -.155836993E-01 -.115853910E-01  
-.728172506E-02 -.285273900E-02 .155201153E-02 .592312862E-02 .102452166E-01  
.144994936E-01 .186639702E-01 .227132929E-01 .266188253E-01 .303492399E-01  
.338718461E-01 .371548001E-01 .401701361E-01 .428971840E-01 .453255028E-01  
-.315786856E-02 -.458516615E-02 -.627952482E-02 -.820415998E-02 -.102422729E-01  
-.123219488E-01 -.144018432E-01 -.164587199E-01 -.184793558E-01 -.204558367E-01  
-.223829562E-01 -.242568092E-01 -.260740433E-01 -.278314663E-01 -.295258481E-01  
-.311538269E-01 -.327118732E-01 -.341962842E-01 -.356031946E-01 -.369285954E-01  
-.381683547E-01 -.393182387E-01 -.403739297E-01 -.413310394E-01 -.421851173E-01  
-.429316512E-01 -.435660610E-01 -.440836840E-01 -.444797527E-01 -.447493643E-01  
-.448874449E-01 -.448887072E-01 -.447476066E-01 -.444582949E-01 -.440145768E-01  
-.434098687E-01 -.426371636E-01 -.416889999E-01 -.405574367E-01 -.392340288E-01  
-.377097998E-01 -.359752029E-01 -.340200586E-01 -.318334554E-01 -.294035962E-01  
-.267175789E-01 -.237611294E-01 -.205184361E-01 -.169727141E-01 -.131100072E-01  
-.893628139E-02 -.454910232E-02 -.190817179E-03 .412293751E-02 .837585984E-02  
.125501846E-01 .166260682E-01 .205814107E-01 .243920593E-01 .280324387E-01  
.314766853E-01 .347003080E-01 .376822623E-01 .404071213E-01 .428668418E-01  
-.317032500E-02 -.460312738E-02 -.630390391E-02 -.823383054E-02 -.102765861E-01  
-.123606900E-01 -.144451014E-01 -.165067750E-01 -.185326006E-01 -.205147294E-01  
-.224479903E-01 -.243284971E-01 -.261529060E-01 -.279180288E-01 -.296206370E-01  
-.312573703E-01 -.328247022E-01 -.343189353E-01 -.357362132E-01 -.370725403E-01  
-.383238036E-01 -.394857950E-01 -.405542297E-01 -.415247617E-01 -.423929927E-01  
-.431544743E-01 -.438047032E-01 -.443391082E-01 -.447530290E-01 -.450416879E-01  
-.452001548E-01 -.452233076E-01 -.451057890E-01 -.448419631E-01 -.444258734E-01  
-.438512055E-01 -.431112542E-01 -.421988982E-01 -.411065802E-01 -.398262908E-01  
-.383495506E-01 -.366673844E-01 -.347702761E-01 -.326480904E-01 -.302899447E-01

-.276840169E-01 -.248172899E-01 -.216753147E-01 -.182423604E-01 -.145034108E-01  
-.104536799E-01 -.613833928E-02 -.181290334E-02 .245756448E-02 .665664645E-02  
.107681898E-01 .147746517E-01 .186569586E-01 .223947971E-01 .259672106E-01  
.293535234E-01 .325345718E-01 .354941395E-01 .382203785E-01 .407069257E-01  
-.318129109E-02 -.461893702E-02 -.632535892E-02 -.825995169E-02 -.103068137E-01  
-.123948446E-01 -.144832698E-01 -.165492115E-01 -.185796595E-01 -.205668224E-01  
-.225055613E-01 -.243920069E-01 -.262228239E-01 -.279948278E-01 -.297047922E-01  
-.313493586E-01 -.329250035E-01 -.344280348E-01 -.358546047E-01 -.372007300E-01  
-.384623155E-01 -.396351765E-01 -.407150592E-01 -.416976565E-01 -.425786182E-01  
-.433535552E-01 -.440180350E-01 -.445675709E-01 -.449976018E-01 -.453034654E-01  
-.454803647E-01 -.455233297E-01 -.454271761E-01 -.451864630E-01 -.447954537E-01  
-.442480795E-01 -.435379106E-01 -.426581339E-01 -.416015379E-01 -.403605019E-01  
-.389269865E-01 -.372925176E-01 -.354481537E-01 -.333844239E-01 -.310912201E-01  
-.285576256E-01 -.257716743E-01 -.227200856E-01 -.193882170E-01 -.157612344E-01  
-.118304426E-01 -.762072098E-02 -.330447837E-02 .936724200E-03 .509552731E-02  
.915904624E-02 .131121645E-01 .169385329E-01 .206210753E-01 .241425386E-01  
.274862263E-01 .306369110E-01 .335818440E-01 .363117167E-01 .388213993E-01  
-.319082689E-02 -.463268303E-02 -.634401126E-02 -.828266859E-02 -.103331175E-01  
-.124245869E-01 -.145165330E-01 -.165862229E-01 -.186207337E-01 -.206123242E-01  
-.225558841E-01 -.244475590E-01 -.262840215E-01 -.280620911E-01 -.297785432E-01  
-.314300215E-01 -.330130056E-01 -.345238082E-01 -.359585896E-01 -.373133782E-01  
-.385840949E-01 -.397665766E-01 -.408565973E-01 -.418498853E-01 -.427421344E-01  
-.435290089E-01 -.442061409E-01 -.447691202E-01 -.452134756E-01 -.455346495E-01  
-.457279656E-01 -.457885918E-01 -.457114999E-01 -.454914257E-01 -.451228300E-01  
-.445998653E-01 -.439163481E-01 -.430657399E-01 -.420411350E-01 -.408352545E-01  
-.394404424E-01 -.378486568E-01 -.360514469E-01 -.340399032E-01 -.318045640E-01  
-.293352614E-01 -.266208935E-01 -.236491459E-01 -.204063214E-01 -.168779550E-01  
-.130528541E-01 -.894091068E-02 -.464580838E-02 -.429170332E-03 .369949830E-02  
.772722670E-02 .116403045E-01 .154245926E-01 .190657034E-01 .225493651E-01  
.258619704E-01 .289912550E-01 .319270250E-01 .346618314E-01 .371914818E-01



-.319898533E-02 -.464444265E-02 -.635996702E-02 -.830210772E-02 -.103556382E-01  
-.124500682E-01 -.145450504E-01 -.166179759E-01 -.186559963E-01 -.206514138E-01  
-.225991426E-01 -.244953418E-01 -.263366910E-01 -.281200131E-01 -.298420860E-01  
-.314995551E-01 -.330889031E-01 -.346064474E-01 -.360483555E-01 -.374106662E-01  
-.386893148E-01 -.398801574E-01 -.409789930E-01 -.419815812E-01 -.428836548E-01  
-.436809256E-01 -.443690830E-01 -.449437846E-01 -.454006392E-01 -.457351819E-01  
-.459428434E-01 -.460189136E-01 -.459585029E-01 -.457565025E-01 -.454075479E-01  
-.449059859E-01 -.442458488E-01 -.434208376E-01 -.424243120E-01 -.412492875E-01  
-.398884360E-01 -.383340820E-01 -.365781866E-01 -.346123066E-01 -.324275123E-01  
-.300142460E-01 -.273621055E-01 -.244595583E-01 -.212936843E-01 -.178503833E-01  
-.141167495E-01 -.100921546E-01 -.583387078E-02 -.163502158E-02 .247365580E-02  
.647634818E-02 .103604369E-01 .141138142E-01 .177244217E-01 .211804318E-01  
.244706690E-01 .275851348E-01 .305155542E-01 .332558715E-01 .358026236E-01  
-.320581215E-02 -.465428236E-02 -.637331720E-02 -.831837730E-02 -.103744960E-01  
-.124714173E-01 -.145689576E-01 -.166446119E-01 -.186855940E-01 -.206842426E-01  
-.226354926E-01 -.245355146E-01 -.263809944E-01 -.281687581E-01 -.298955856E-01  
-.315581244E-01 -.331528598E-01 -.346761135E-01 -.361240593E-01 -.374927451E-01  
-.387781188E-01 -.399760532E-01 -.410823686E-01 -.420928520E-01 -.430032698E-01  
-.438093747E-01 -.445069056E-01 -.450915787E-01 -.455590717E-01 -.459049998E-01  
-.461248858E-01 -.462141247E-01 -.461679460E-01 -.459813750E-01 -.456491966E-01  
-.451659239E-01 -.445257736E-01 -.437226499E-01 -.427501370E-01 -.416014981E-01  
-.402696787E-01 -.387473069E-01 -.370266821E-01 -.350997408E-01 -.329579823E-01  
-.305923382E-01 -.279929660E-01 -.251489671E-01 -.220480971E-01 -.186767990E-01  
-.150218776E-01 -.110789497E-01 -.688817509E-02 -.267895341E-02 .142266230E-02  
.540991272E-02 .927399162E-02 .130052944E-01 .165939162E-01 .200300636E-01  
.233044863E-01 .264089292E-01 .293365716E-01 .320824131E-01 .346435626E-01  
-.321134582E-02 -.466225795E-02 -.638413794E-02 -.833156772E-02 -.103897911E-01  
-.124887413E-01 -.145883675E-01 -.166662485E-01 -.187096486E-01 -.207109360E-01  
-.226650628E-01 -.245682090E-01 -.264170655E-01 -.282084614E-01 -.299391783E-01

-.316058655E-01 -.332050106E-01 -.347329391E-01 -.361858300E-01 -.375597390E-01  
-.388506244E-01 -.400543729E-01 -.411668229E-01 -.421837839E-01 -.431010502E-01  
-.439144088E-01 -.446196395E-01 -.452125075E-01 -.456887475E-01 -.460440413E-01  
-.462739882E-01 -.463740706E-01 -.463396166E-01 -.461657625E-01 -.458474170E-01  
-.453792302E-01 -.447555707E-01 -.439705096E-01 -.430178141E-01 -.418909490E-01  
-.405830809E-01 -.390870814E-01 -.373955197E-01 -.355006321E-01 -.333942547E-01  
-.310677002E-01 -.285115615E-01 -.257154377E-01 -.226676361E-01 -.193551220E-01  
-.157647890E-01 -.118901272E-01 -.775902782E-02 -.354350308E-02 .554707047E-03  
.453219220E-02 .838268803E-02 .120985880E-01 .156717312E-01 .190939334E-01  
.223574318E-01 .254552951E-01 .283817961E-01 .311327294E-01 .337056480E-01  
-.321561760E-02 -.466841470E-02 -.639249091E-02 -.834175211E-02 -.104016044E-01  
-.125021271E-01 -.146033713E-01 -.166829804E-01 -.187282579E-01 -.207315949E-01  
-.226879567E-01 -.245935307E-01 -.264450119E-01 -.282392317E-01 -.299729731E-01  
-.316428872E-01 -.332454633E-01 -.347770299E-01 -.362337703E-01 -.376117463E-01  
-.389069246E-01 -.401152027E-01 -.412324333E-01 -.422544435E-01 -.431770500E-01  
-.439960666E-01 -.447073054E-01 -.453065699E-01 -.457896400E-01 -.461522498E-01  
-.463900588E-01 -.464986182E-01 -.464733336E-01 -.463094283E-01 -.460019080E-01  
-.455455305E-01 -.449347826E-01 -.441638654E-01 -.432266886E-01 -.421168725E-01  
-.408277539E-01 -.393523908E-01 -.376835571E-01 -.358137159E-01 -.337349555E-01  
-.314388719E-01 -.289163790E-01 -.261574392E-01 -.231507559E-01 -.198836498E-01  
-.163429936E-01 -.125204868E-01 -.843478784E-02 -.421893694E-02 -.123962093E-03  
.384680949E-02 .768810781E-02 .113935214E-01 .149560993E-01 .183688254E-01  
.216250259E-01 .247187358E-01 .276450244E-01 .304002676E-01 .329823514E-01  
-.321865171E-02 -.467278759E-02 -.639842365E-02 -.834898681E-02 -.104099984E-01  
-.125116412E-01 -.146140388E-01 -.166948804E-01 -.187414972E-01 -.207462967E-01  
-.227042536E-01 -.246115606E-01 -.264649157E-01 -.282611519E-01 -.299970536E-01  
-.316692728E-01 -.332743003E-01 -.348084667E-01 -.362679586E-01 -.376488420E-01  
-.389470898E-01 -.401586074E-01 -.412792576E-01 -.423048807E-01 -.432313089E-01  
-.440543756E-01 -.447699163E-01 -.453737620E-01 -.458617252E-01 -.462295778E-01

-.464730226E-01 -.465876600E-01 -.465689518E-01 -.464121839E-01 -.461124315E-01  
-.456645296E-01 -.450630498E-01 -.443022862E-01 -.433762499E-01 -.422786719E-01  
-.410030093E-01 -.395424518E-01 -.378899168E-01 -.360380253E-01 -.339790402E-01  
-.317047517E-01 -.292062906E-01 -.264738585E-01 -.234964052E-01 -.202614355E-01  
-.167556803E-01 -.129694106E-01 -.891505208E-02 -.470171866E-02 -.609951295E-03  
.335611571E-02 .719137817E-02 .108900036E-01 .144457721E-01 .178524303E-01  
.211040356E-01 .241952771E-01 .271217648E-01 .298802714E-01 .324689152E-01  
-.322046532E-02 -.467540144E-02 -.640196987E-02 -.835331175E-02 -.104150172E-01  
-.125173309E-01 -.146204196E-01 -.167019999E-01 -.187494196E-01 -.207550961E-01  
-.227140094E-01 -.246223558E-01 -.264768349E-01 -.282742809E-01 -.300114786E-01  
-.316850809E-01 -.332915795E-01 -.348273064E-01 -.362884498E-01 -.376710787E-01  
-.389711694E-01 -.401846324E-01 -.413073365E-01 -.423351296E-01 -.432638538E-01  
-.440893541E-01 -.448074801E-01 -.454140795E-01 -.459049845E-01 -.462759895E-01  
-.465228237E-01 -.466411173E-01 -.466263657E-01 -.464738925E-01 -.461788150E-01  
-.457360146E-01 -.451401139E-01 -.443854626E-01 -.434661328E-01 -.423759215E-01  
-.411083577E-01 -.396567092E-01 -.380139786E-01 -.361728799E-01 -.341257782E-01  
-.318645767E-01 -.293805299E-01 -.266639723E-01 -.237039812E-01 -.204881345E-01  
-.170030163E-01 -.132379900E-01 -.920195121E-02 -.499120770E-02 -.901830631E-03  
.306135248E-02 .689314612E-02 .105879461E-01 .141399054E-01 .175431922E-01  
.207922798E-01 .238822343E-01 .268089786E-01 .295695168E-01 .321621038E-01  
-.322106871E-02 -.467627107E-02 -.640314972E-02 -.835475076E-02 -.104166873E-01  
-.125192243E-01 -.146225432E-01 -.167043697E-01 -.187520569E-01 -.207580256E-01  
-.227172577E-01 -.246259505E-01 -.264808042E-01 -.282786533E-01 -.300162831E-01  
-.316903464E-01 -.332973354E-01 -.348335825E-01 -.362952766E-01 -.376784875E-01  
-.389791928E-01 -.401933044E-01 -.413166934E-01 -.423452103E-01 -.432747004E-01  
-.441010125E-01 -.448200010E-01 -.454275191E-01 -.459194056E-01 -.462914625E-01  
-.465394279E-01 -.466589418E-01 -.466455108E-01 -.464944713E-01 -.462009545E-01  
-.457598573E-01 -.451658192E-01 -.444132087E-01 -.434961181E-01 -.424083663E-01  
-.411435063E-01 -.396948317E-01 -.380553734E-01 -.362178760E-01 -.341747384E-01

-.319179005E-01 -.294386573E-01 -.267273850E-01 -.237731999E-01 -.205636970E-01  
-.170854013E-01 -.133273669E-01 -.929735291E-02 -.508764666E-02 -.999151287E-03  
.296305169E-02 .679370840E-02 .104872708E-01 .140380044E-01 .174402111E-01  
.206884986E-01 .237780558E-01 .267049083E-01 .294661358E-01 .320600386E-01  
-.322046532E-02 -.467540144E-02 -.640196987E-02 -.835331175E-02 -.104150172E-01  
-.125173309E-01 -.146204196E-01 -.167019999E-01 -.187494196E-01 -.207550961E-01  
-.227140094E-01 -.246223558E-01 -.264768349E-01 -.282742809E-01 -.300114786E-01  
-.316850809E-01 -.332915795E-01 -.348273064E-01 -.362884498E-01 -.376710787E-01  
-.389711694E-01 -.401846324E-01 -.413073365E-01 -.423351296E-01 -.432638538E-01  
-.440893541E-01 -.448074801E-01 -.454140795E-01 -.459049845E-01 -.462759895E-01  
-.465228237E-01 -.466411173E-01 -.466263657E-01 -.464738925E-01 -.461788150E-01  
-.457360146E-01 -.451401139E-01 -.443854626E-01 -.434661328E-01 -.423759215E-01  
-.411083577E-01 -.396567092E-01 -.380139786E-01 -.361728799E-01 -.341257782E-01  
-.318645767E-01 -.293805299E-01 -.266639723E-01 -.237039812E-01 -.204881345E-01  
-.170030163E-01 -.132379900E-01 -.920195121E-02 -.499120770E-02 -.901830631E-03  
.306135248E-02 .689314612E-02 .105879461E-01 .141399054E-01 .175431922E-01  
.207922798E-01 .238822343E-01 .268089786E-01 .295695168E-01 .321621038E-01  
-.321865171E-02 -.467278759E-02 -.639842365E-02 -.834898681E-02 -.104099984E-01  
-.125116412E-01 -.146140388E-01 -.166948804E-01 -.187414972E-01 -.207462967E-01  
-.227042536E-01 -.246115606E-01 -.264649157E-01 -.282611519E-01 -.299970536E-01  
-.316692728E-01 -.332743003E-01 -.348084667E-01 -.362679586E-01 -.376488420E-01  
-.389470898E-01 -.401586074E-01 -.412792576E-01 -.423048807E-01 -.432313089E-01  
-.440543756E-01 -.447699163E-01 -.453737620E-01 -.458617252E-01 -.462295778E-01  
-.464730226E-01 -.465876600E-01 -.465689518E-01 -.464121839E-01 -.461124315E-01  
-.456645296E-01 -.450630498E-01 -.443022862E-01 -.433762499E-01 -.422786719E-01  
-.410030093E-01 -.395424518E-01 -.378899168E-01 -.360380253E-01 -.339790402E-01  
-.317047517E-01 -.292062906E-01 -.264738585E-01 -.234964052E-01 -.202614355E-01  
-.167556803E-01 -.129694106E-01 -.891505208E-02 -.470171866E-02 -.609951295E-03  
.335611571E-02 .719137817E-02 .108900036E-01 .144457721E-01 .178524303E-01  
.211040356E-01 .241952771E-01 .271217648E-01 .298802714E-01 .324689152E-01

-.321561760E-02 -.466841470E-02 -.639249091E-02 -.834175211E-02 -.104016044E-01  
-.125021271E-01 -.146033713E-01 -.166829804E-01 -.187282579E-01 -.207315949E-01  
-.226879567E-01 -.245935307E-01 -.264450119E-01 -.282392317E-01 -.299729731E-01  
-.316428872E-01 -.332454633E-01 -.347770299E-01 -.362337703E-01 -.376117463E-01  
-.389069246E-01 -.401152027E-01 -.412324333E-01 -.422544435E-01 -.431770500E-01  
-.439960666E-01 -.447073054E-01 -.453065699E-01 -.457896400E-01 -.461522498E-01  
-.463900588E-01 -.464986182E-01 -.464733336E-01 -.463094283E-01 -.460019080E-01  
-.455455305E-01 -.449347826E-01 -.441638654E-01 -.432266886E-01 -.421168725E-01  
-.408277539E-01 -.393523908E-01 -.376835571E-01 -.358137159E-01 -.337349555E-01  
-.314388719E-01 -.289163790E-01 -.261574392E-01 -.231507559E-01 -.198836498E-01  
-.163429936E-01 -.125204868E-01 -.843478784E-02 -.421893694E-02 -.123962093E-03  
.384680949E-02 .768810781E-02 .113935214E-01 .149560993E-01 .183688254E-01  
.216250259E-01 .247187358E-01 .276450244E-01 .304002676E-01 .329823514E-01  
-.321134582E-02 -.466225795E-02 -.638413794E-02 -.833156772E-02 -.103897911E-01  
-.124887413E-01 -.145883675E-01 -.166662485E-01 -.187096486E-01 -.207109360E-01  
-.226650628E-01 -.245682090E-01 -.264170655E-01 -.282084614E-01 -.299391783E-01  
-.316058655E-01 -.332050106E-01 -.347329391E-01 -.361858300E-01 -.375597390E-01  
-.388506244E-01 -.400543729E-01 -.411668229E-01 -.421837839E-01 -.431010502E-01  
-.439144088E-01 -.446196395E-01 -.452125075E-01 -.456887475E-01 -.460440413E-01  
-.462739882E-01 -.463740706E-01 -.463396166E-01 -.461657625E-01 -.458474170E-01  
-.453792302E-01 -.447555707E-01 -.439705096E-01 -.430178141E-01 -.418909490E-01  
-.405830809E-01 -.390870814E-01 -.373955197E-01 -.355006321E-01 -.333942547E-01  
-.310677002E-01 -.285115615E-01 -.257154377E-01 -.226676361E-01 -.193551220E-01  
-.157647890E-01 -.118901272E-01 -.775902782E-02 -.354350308E-02 .554707047E-03  
.453219220E-02 .838268803E-02 .120985880E-01 .156717312E-01 .190939334E-01  
.223574318E-01 .254552951E-01 .283817961E-01 .311327294E-01 .337056480E-01  
-.320581215E-02 -.465428236E-02 -.637331720E-02 -.831837730E-02 -.103744960E-01  
-.124714173E-01 -.145689576E-01 -.166446119E-01 -.186855940E-01 -.206842426E-01  
-.226354926E-01 -.245355146E-01 -.263809944E-01 -.281687581E-01 -.298955856E-01

-.315581244E-01 -.331528598E-01 -.346761135E-01 -.361240593E-01 -.374927451E-01  
-.387781188E-01 -.399760532E-01 -.410823686E-01 -.420928520E-01 -.430032698E-01  
-.438093747E-01 -.445069056E-01 -.450915787E-01 -.455590717E-01 -.459049998E-01  
-.461248858E-01 -.462141247E-01 -.461679460E-01 -.459813750E-01 -.456491966E-01  
-.451659239E-01 -.445257736E-01 -.437226499E-01 -.427501370E-01 -.416014981E-01  
-.402696787E-01 -.387473069E-01 -.370266821E-01 -.350997408E-01 -.329579823E-01  
-.305923382E-01 -.279929660E-01 -.251489671E-01 -.220480971E-01 -.186767990E-01  
-.150218776E-01 -.110789497E-01 -.688817509E-02 -.267895341E-02 .142266230E-02  
.540991272E-02 .927399162E-02 .130052944E-01 .165939162E-01 .200300636E-01  
.233044863E-01 .264089292E-01 .293365716E-01 .320824131E-01 .346435626E-01  
-.319898533E-02 -.464444265E-02 -.635996702E-02 -.830210772E-02 -.103556382E-01  
-.124500682E-01 -.145450504E-01 -.166179759E-01 -.186559963E-01 -.206514138E-01  
-.225991426E-01 -.244953418E-01 -.263366910E-01 -.281200131E-01 -.298420860E-01  
-.314995551E-01 -.330889031E-01 -.346064474E-01 -.360483555E-01 -.374106662E-01  
-.386893148E-01 -.398801574E-01 -.409789930E-01 -.419815812E-01 -.428836548E-01  
-.436809256E-01 -.443690830E-01 -.449437846E-01 -.454006392E-01 -.457351819E-01  
-.459428434E-01 -.460189136E-01 -.459585029E-01 -.457565025E-01 -.454075479E-01  
-.449059859E-01 -.442458488E-01 -.434208376E-01 -.424243120E-01 -.412492875E-01  
-.398884360E-01 -.383340820E-01 -.365781866E-01 -.346123066E-01 -.324275123E-01  
-.300142460E-01 -.273621055E-01 -.244595583E-01 -.212936843E-01 -.178503833E-01  
-.141167495E-01 -.100921546E-01 -.583387078E-02 -.163502158E-02 .247365580E-02  
.647634818E-02 .103604369E-01 .141138142E-01 .177244217E-01 .211804318E-01  
.244706690E-01 .275851348E-01 .305155542E-01 .332558715E-01 .358026236E-01  
-.319082689E-02 -.463268303E-02 -.634401126E-02 -.828266859E-02 -.103331175E-01  
-.124245869E-01 -.145165330E-01 -.165862229E-01 -.186207337E-01 -.206123242E-01  
-.225558841E-01 -.244475590E-01 -.262840215E-01 -.280620911E-01 -.297785432E-01  
-.314300215E-01 -.330130056E-01 -.345238082E-01 -.359585896E-01 -.373133782E-01  
-.385840949E-01 -.397665766E-01 -.408565973E-01 -.418498853E-01 -.427421344E-01  
-.435290089E-01 -.442061409E-01 -.447691202E-01 -.452134756E-01 -.455346495E-01

-.457279656E-01 -.457885918E-01 -.457114999E-01 -.454914257E-01 -.451228300E-01  
-.445998653E-01 -.439163481E-01 -.430657399E-01 -.420411350E-01 -.408352545E-01  
-.394404424E-01 -.378486568E-01 -.360514469E-01 -.340399032E-01 -.318045640E-01  
-.293352614E-01 -.266208935E-01 -.236491459E-01 -.204063214E-01 -.168779550E-01  
-.130528541E-01 -.894091068E-02 -.464580838E-02 -.429170332E-03 .369949830E-02  
.772722670E-02 .116403045E-01 .154245926E-01 .190657034E-01 .225493651E-01  
.258619704E-01 .289912550E-01 .319270250E-01 .346618314E-01 .371914818E-01  
-.318129109E-02 -.461893702E-02 -.632535892E-02 -.825995169E-02 -.103068137E-01  
-.123948446E-01 -.144832698E-01 -.165492115E-01 -.185796595E-01 -.205668224E-01  
-.225055613E-01 -.243920069E-01 -.262228239E-01 -.279948278E-01 -.297047922E-01  
-.313493586E-01 -.329250035E-01 -.344280348E-01 -.358546047E-01 -.372007300E-01  
-.384623155E-01 -.396351765E-01 -.407150592E-01 -.416976565E-01 -.425786182E-01  
-.433535552E-01 -.440180350E-01 -.445675709E-01 -.449976018E-01 -.453034654E-01  
-.454803647E-01 -.455233297E-01 -.454271761E-01 -.451864630E-01 -.447954537E-01  
-.442480795E-01 -.435379106E-01 -.426581339E-01 -.416015379E-01 -.403605019E-01  
-.389269865E-01 -.372925176E-01 -.354481537E-01 -.333844239E-01 -.310912201E-01  
-.285576256E-01 -.257716743E-01 -.227200856E-01 -.193882170E-01 -.157612344E-01  
-.118304426E-01 -.762072098E-02 -.330447837E-02 .936724200E-03 .509552731E-02  
.915904624E-02 .131121645E-01 .169385329E-01 .206210753E-01 .241425386E-01  
.274862263E-01 .306369110E-01 .335818440E-01 .363117167E-01 .388213993E-01  
-.317032500E-02 -.460312738E-02 -.630390391E-02 -.823383054E-02 -.102765861E-01  
-.123606900E-01 -.144451014E-01 -.165067750E-01 -.185326006E-01 -.205147294E-01  
-.224479903E-01 -.243284971E-01 -.261529060E-01 -.279180288E-01 -.296206370E-01  
-.312573703E-01 -.328247022E-01 -.343189353E-01 -.357362132E-01 -.370725403E-01  
-.383238036E-01 -.394857950E-01 -.405542297E-01 -.415247617E-01 -.423929927E-01  
-.431544743E-01 -.438047032E-01 -.443391082E-01 -.447530290E-01 -.450416879E-01  
-.452001548E-01 -.452233076E-01 -.451057890E-01 -.448419631E-01 -.444258734E-01  
-.438512055E-01 -.431112542E-01 -.421988982E-01 -.411065802E-01 -.398262908E-01  
-.383495506E-01 -.366673844E-01 -.347702761E-01 -.326480904E-01 -.302899447E-01

-.276840169E-01 -.248172899E-01 -.216753147E-01 -.182423604E-01 -.145034108E-01  
-.104536799E-01 -.613833928E-02 -.181290334E-02 .245756448E-02 .665664645E-02  
.107681898E-01 .147746517E-01 .186569586E-01 .223947971E-01 .259672106E-01  
.293535234E-01 .325345718E-01 .354941395E-01 .382203785E-01 .407069257E-01  
-.315786856E-02 -.458516615E-02 -.627952482E-02 -.820415998E-02 -.102422729E-01  
-.123219488E-01 -.144018432E-01 -.164587199E-01 -.184793558E-01 -.204558367E-01  
-.223829562E-01 -.242568092E-01 -.260740433E-01 -.278314663E-01 -.295258481E-01  
-.311538269E-01 -.327118732E-01 -.341962842E-01 -.356031946E-01 -.369285954E-01  
-.381683547E-01 -.393182387E-01 -.403739297E-01 -.413310394E-01 -.421851173E-01  
-.429316512E-01 -.435660610E-01 -.440836840E-01 -.444797527E-01 -.447493643E-01  
-.448874449E-01 -.448887072E-01 -.447476066E-01 -.444582949E-01 -.440145768E-01  
-.434098687E-01 -.426371636E-01 -.416889999E-01 -.405574367E-01 -.392340288E-01  
-.377097998E-01 -.359752029E-01 -.340200586E-01 -.318334554E-01 -.294035962E-01  
-.267175789E-01 -.237611294E-01 -.205184361E-01 -.169727141E-01 -.131100072E-01  
-.893628139E-02 -.454910232E-02 -.190817179E-03 .412293751E-02 .837585984E-02  
.125501846E-01 .166260682E-01 .205814107E-01 .243920593E-01 .280324387E-01  
.314766853E-01 .347003080E-01 .376822623E-01 .404071213E-01 .428668418E-01  
-.314385502E-02 -.456495501E-02 -.625208506E-02 -.817077598E-02 -.102036903E-01  
-.122784223E-01 -.143532840E-01 -.164048245E-01 -.184196931E-01 -.203899038E-01  
-.223102106E-01 -.241766885E-01 -.259859758E-01 -.277348767E-01 -.294201598E-01  
-.310384621E-01 -.325862515E-01 -.340598197E-01 -.354552923E-01 -.367686460E-01  
-.379957289E-01 -.391322801E-01 -.401739467E-01 -.411162956E-01 -.419548205E-01  
-.426849414E-01 -.433019962E-01 -.438012251E-01 -.441777461E-01 -.444265236E-01  
-.445423300E-01 -.445197026E-01 -.443528963E-01 -.440358364E-01 -.435620714E-01  
-.429247287E-01 -.421164747E-01 -.411294787E-01 -.399553794E-01 -.385852515E-01  
-.370095647E-01 -.352181282E-01 -.332000073E-01 -.309433958E-01 -.284354303E-01  
-.256619369E-01 -.226071563E-01 -.192536922E-01 -.155836993E-01 -.115853910E-01  
-.728172506E-02 -.285273900E-02 .155201153E-02 .592312862E-02 .102452166E-01  
.144994936E-01 .186639702E-01 .227132929E-01 .266188253E-01 .303492399E-01  
.338718461E-01 .371548001E-01 .401701361E-01 .428971840E-01 .453255028E-01



-.312821157E-02 -.454238603E-02 -.622143349E-02 -.813349587E-02 -.101606325E-01  
-.122298865E-01 -.142991849E-01 -.163448360E-01 -.183533481E-01 -.203166553E-01  
-.222294689E-01 -.240878425E-01 -.258884048E-01 -.276279570E-01 -.293032665E-01  
-.309109699E-01 -.324475323E-01 -.339092403E-01 -.352922099E-01 -.365924032E-01  
-.378056474E-01 -.389276532E-01 -.399540304E-01 -.408802992E-01 -.417018946E-01  
-.424141652E-01 -.430123631E-01 -.434916262E-01 -.438469528E-01 -.440731676E-01  
-.441648821E-01 -.441164489E-01 -.439219128E-01 -.435749603E-01 -.430688694E-01  
-.423964614E-01 -.415500552E-01 -.405214245E-01 -.393017549E-01 -.378815980E-01  
-.362508148E-01 -.343984991E-01 -.323128662E-01 -.299810929E-01 -.273890899E-01  
-.245212130E-01 -.213599972E-01 -.178863272E-01 -.140817128E-01 -.993935352E-02  
-.551144524E-02 -.105311810E-02 .340559824E-02 .784742734E-02 .122551959E-01  
.166088836E-01 .208844692E-01 .250532271E-01 .290814138E-01 .329306078E-01  
.365590951E-01 .399247011E-01 .429892194E-01 .457239419E-01 .481147966E-01  
-.311086059E-02 -.451734310E-02 -.618740568E-02 -.809211913E-02 -.101128717E-01  
-.121760916E-01 -.142392767E-01 -.162784687E-01 -.182800199E-01 -.202357773E-01  
-.221404060E-01 -.239899370E-01 -.257809893E-01 -.275103610E-01 -.291748194E-01  
-.307710003E-01 -.322953671E-01 -.337442009E-01 -.351136082E-01 -.363995357E-01  
-.375977892E-01 -.387040497E-01 -.397138888E-01 -.406227776E-01 -.414260906E-01  
-.421191023E-01 -.426969756E-01 -.431547429E-01 -.434872782E-01 -.436892619E-01  
-.437551388E-01 -.436790704E-01 -.434548838E-01 -.430760176E-01 -.425354684E-01  
-.418257378E-01 -.409387801E-01 -.398659508E-01 -.385979534E-01 -.371247775E-01  
-.354356234E-01 -.335187994E-01 -.313615779E-01 -.289499936E-01 -.262685701E-01  
-.232999976E-01 -.200249252E-01 -.164225972E-01 -.124753594E-01 -.818982397E-02  
-.369064450E-02 .825880873E-03 .535429244E-02 .988221579E-02 .143936392E-01  
.188684133E-01 .232811323E-01 .275999499E-01 .317856192E-01 .357911985E-01  
.395631138E-01 .430444811E-01 .461814449E-01 .489323144E-01 .512770905E-01  
-.309172146E-02 -.448970447E-02 -.614982657E-02 -.804642934E-02 -.100601585E-01  
-.121167603E-01 -.141732582E-01 -.162054001E-01 -.181993675E-01 -.201469130E-01  
-.220426521E-01 -.238825916E-01 -.256633409E-01 -.273816952E-01 -.290344216E-01

-.306181561E-01 -.321293600E-01 -.335643092E-01 -.349191004E-01 -.361896650E-01  
-.373717861E-01 -.384611148E-01 -.394531829E-01 -.403434115E-01 -.411271128E-01  
-.417994853E-01 -.423556008E-01 -.427903836E-01 -.430985807E-01 -.432747250E-01  
-.433130914E-01 -.432076462E-01 -.429519937E-01 -.425393192E-01 -.419623304E-01  
-.412131996E-01 -.402835034E-01 -.391641619E-01 -.378453718E-01 -.363165269E-01  
-.345661195E-01 -.325816068E-01 -.303492276E-01 -.278537521E-01 -.250781585E-01  
-.220032899E-01 -.186077798E-01 -.148694566E-01 -.107731404E-01 -.634546538E-02  
-.180507062E-02 .277390500E-02 .738306426E-02 .120115721E-01 .166450230E-01  
.212641915E-01 .258433913E-01 .303485227E-01 .347350342E-01 .389463154E-01  
.429135662E-01 .465588839E-01 .498037733E-01 .525843069E-01 .548698350E-01  
-.307071346E-02 -.445934683E-02 -.610851509E-02 -.799619759E-02 -.100022231E-01  
-.120515874E-01 -.141007929E-01 -.161252666E-01 -.181110045E-01 -.200496571E-01  
-.219357865E-01 -.237653742E-01 -.255350189E-01 -.272415129E-01 -.288816237E-01  
-.304519871E-01 -.319490628E-01 -.333691211E-01 -.347082487E-01 -.359623612E-01  
-.371272190E-01 -.381984423E-01 -.391715225E-01 -.400418297E-01 -.408046129E-01  
-.414549936E-01 -.419879513E-01 -.423983010E-01 -.426806617E-01 -.428294177E-01  
-.428386721E-01 -.427021950E-01 -.424133662E-01 -.419651150E-01 -.413498571E-01  
-.405594299E-01 -.395850247E-01 -.384171140E-01 -.370453687E-01 -.354585597E-01  
-.336444300E-01 -.315895264E-01 -.292789700E-01 -.266961511E-01 -.238223574E-01  
-.206364497E-01 -.171151308E-01 -.132360675E-01 -.899336211E-02 -.446671382E-02  
.124985679E-03 .477393781E-02 .947367047E-02 .142159758E-01 .189892420E-01  
.237767272E-01 .285543099E-01 .332875450E-01 .379280307E-01 .424094635E-01  
.466446054E-01 .505259973E-01 .539354947E-01 .567686136E-01 .589730921E-01  
-.304775983E-02 -.442615206E-02 -.606329238E-02 -.794118866E-02 -.993877794E-02  
-.119802379E-01 -.140215047E-01 -.160376577E-01 -.180144924E-01 -.199435489E-01  
-.218193316E-01 -.236377942E-01 -.253955239E-01 -.270893096E-01 -.287159185E-01  
-.302719863E-01 -.317539705E-01 -.331581360E-01 -.344805590E-01 -.357171390E-01  
-.368636131E-01 -.379155701E-01 -.388684607E-01 -.397176035E-01 -.404581839E-01  
-.410852462E-01 -.415936775E-01 -.419781836E-01 -.422332558E-01 -.423531303E-01  
-.423317398E-01 -.421626590E-01 -.418390446E-01 -.413535711E-01 -.406983628E-01

-.398649220E-01 -.388440518E-01 -.376257707E-01 -.361992126E-01 -.345525044E-01  
-.326726079E-01 -.305451092E-01 -.281539374E-01 -.254810004E-01 -.225057694E-01  
-.192050290E-01 -.155537378E-01 -.115308981E-01 -.714713291E-02 -.256841846E-02  
.208195731E-02 .680681862E-02 .116046831E-01 .164715995E-01 .214004111E-01  
.263790150E-01 .313876691E-01 .363950407E-01 .413525982E-01 .461871133E-01  
.507919315E-01 .550203280E-01 .586902549E-01 .616186594E-01 .637025271E-01  
-.302279317E-02 -.439001786E-02 -.601399680E-02 -.788117124E-02 -.986951959E-02  
-.119023430E-01 -.139349704E-01 -.159421070E-01 -.179093314E-01 -.198280634E-01  
-.216927440E-01 -.234992955E-01 -.252442914E-01 -.269245158E-01 -.285367348E-01  
-.300775834E-01 -.315435164E-01 -.329307924E-01 -.342354770E-01 -.354534527E-01  
-.365804331E-01 -.376119753E-01 -.385434891E-01 -.393702414E-01 -.400873542E-01  
-.406897952E-01 -.411723599E-01 -.415296463E-01 -.417560198E-01 -.418455710E-01  
-.417920653E-01 -.415888860E-01 -.412289711E-01 -.407047450E-01 -.400080456E-01  
-.391300441E-01 -.380611587E-01 -.367909540E-01 -.353080224E-01 -.335998355E-01  
-.316525507E-01 -.294507558E-01 -.269771301E-01 -.242120211E-01 -.211330099E-01  
-.177148660E-01 -.139315645E-01 -.976729075E-02 -.526592688E-02 -.656162004E-03  
.404983721E-02 .885188169E-02 .137515802E-01 .187499283E-01 .238458999E-01  
.290346271E-01 .343045520E-01 .396328502E-01 .449780538E-01 .502683272E-01  
.553837380E-01 .601330603E-01 .642358568E-01 .673501546E-01 .692332980E-01  
-.299576091E-02 -.435087423E-02 -.596051389E-02 -.781593433E-02 -.979412990E-02  
-.118174920E-01 -.138407077E-01 -.158380793E-01 -.177949483E-01 -.197026006E-01  
-.215554052E-01 -.233492473E-01 -.250806834E-01 -.267464904E-01 -.283434317E-01  
-.298681400E-01 -.313170665E-01 -.326864628E-01 -.339723827E-01 -.351706916E-01  
-.362770788E-01 -.372870695E-01 -.381960324E-01 -.389991832E-01 -.396915813E-01  
-.402681186E-01 -.407235010E-01 -.410522211E-01 -.412485219E-01 -.413063526E-01  
-.412193167E-01 -.409806121E-01 -.405829657E-01 -.400185603E-01 -.392789559E-01  
-.383550026E-01 -.372367415E-01 -.359132904E-01 -.343727035E-01 -.326017946E-01  
-.305859061E-01 -.283086042E-01 -.257512832E-01 -.228926907E-01 -.197085283E-01  
-.161718450E-01 -.122572898E-01 -.796253404E-02 -.340699578E-02 .124628666E-02  
.600827534E-02 .108860775E-01 .158868145E-01 .210178127E-01 .262859484E-01  
.316963508E-01 .372500834E-01 .429399781E-01 .487429903E-01 .546058327E-01

.604176394E-01 .659594876E-01 .708239014E-01 .743496076E-01 .758470335E-01  
-.296662424E-02 -.430870525E-02 -.590284596E-02 -.774530968E-02 -.971226748E-  
02  
-.117252136E-01 -.137381555E-01 -.157249534E-01 -.176706817E-01 -.195664728E-  
01  
-.214066105E-01 -.231869353E-01 -.249039809E-01 -.265545137E-01 -.281352914E-  
01  
-.296429431E-01 -.310739142E-01 -.324244482E-01 -.336905862E-01 -.348681753E-  
01  
-.359528802E-01 -.369401936E-01 -.378254436E-01 -.386037949E-01 -.392702454E-  
01  
-.398196133E-01 -.402465174E-01 -.405453484E-01 -.407102313E-01 -.407349801E-  
01  
-.406130434E-01 -.403374428E-01 -.399007039E-01 -.392947797E-01 -.385109654E-  
01  
-.375398031E-01 -.363709713E-01 -.349931541E-01 -.333938784E-01 -.315593076E-  
01  
-.294739701E-01 -.271204057E-01 -.244787165E-01 -.215260695E-01 -.182364294E-  
01  
-.145817231E-01 -.105393812E-01 -.612732252E-02 -.155875927E-02 .312737879E-  
02  
.793870347E-02 .128857068E-01 .179808277E-01 .232383714E-01 .286743891E-01  
.343062735E-01 .401517740E-01 .462268317E-01 .525408387E-01 .590857333E-01  
.658089774E-01 .725423114E-01 .788133657E-01 .834143331E-01 .840268563E-01  
-.293532805E-02 -.426355724E-02 -.584131010E-02 -.766917812E-02 -.962352802E-  
02  
-.116249357E-01 -.136266430E-01 -.156019984E-01 -.175357640E-01 -.194188900E-  
01  
-.212455576E-01 -.230115511E-01 -.247133748E-01 -.263477792E-01 -.279115132E-  
01  
-.294011990E-01 -.308132747E-01 -.321439735E-01 -.333893224E-01 -.345451490E-  
01  
-.356070927E-01 -.365706136E-01 -.374309987E-01 -.381833631E-01 -.388226442E-  
01  
-.393435889E-01 -.397407322E-01 -.400083673E-01 -.401405072E-01 -.401308378E-  
01  
-.399726617E-01 -.396588351E-01 -.391816950E-01 -.385329789E-01 -.377037338E-  
01  
-.366842116E-01 -.354637468E-01 -.340306089E-01 -.323718161E-01 -.304728971E-  
01  
-.283175804E-01 -.258873923E-01 -.231611714E-01 -.201146116E-01 -.167203853E-  
01  
-.129511414E-01 -.879503153E-02 -.432595422E-02 .259385694E-03 .497139655E-  
02  
.982233616E-02 .148270502E-01 .200034000E-01 .253728105E-01 .309609275E-01  
.367983940E-01 .429217868E-01 .493748187E-01 .562100262E-01 .634911136E-01  
.712939066E-01 .796860912E-01 .885541797E-01 .965058971E-01 .945744468E-01  
-.290171364E-02 -.421540100E-02 -.577665378E-02 -.758729912E-02 -.952732561E-  
02  
-.115159193E-01 -.135053504E-01 -.154683486E-01 -.173893030E-01 -.192589458E-  
01  
-.210713341E-01 -.228221826E-01 -.245079571E-01 -.261253863E-01 -.276712059E-  
01

-.291420277E-01 -.305342795E-01 -.318441822E-01 -.330677463E-01 -.342007791E-01  
-.352388932E-01 -.361775154E-01 -.370118922E-01 -.377370896E-01 -.383479864E-01  
-.388392607E-01 -.392053674E-01 -.394405075E-01 -.395385887E-01 -.394931770E-01  
-.392974398E-01 -.389440798E-01 -.384252604E-01 -.377325207E-01 -.368566780E-01  
-.357877155E-01 -.345146468E-01 -.330253506E-01 -.313063608E-01 -.293425964E-01  
-.271170106E-01 -.246101477E-01 -.217996427E-01 -.186598859E-01 -.151628133E-01  
-.112837136E-01 -.702841610E-02 -.255360918E-02 .203874615E-02 .676520535E-02  
.116419641E-01 .166878323E-01 .219255905E-01 .273831772E-01 .330951175E-01  
.391044385E-01 .454654250E-01 .522479767E-01 .595455563E-01 .674928264E-01  
.763142241E-01 .864849368E-01 .993370846E-01 .119524965E+00 .106862886E+00  
-.286544937E-02 -.416356148E-02 -.570715383E-02 -.749861875E-02 -.942270449E-02  
-.113971928E-01 -.133732777E-01 -.153229832E-01 -.172302664E-01 -.190856045E-01  
-.208829070E-01 -.226178040E-01 -.242867125E-01 -.258863328E-01 -.274133816E-01  
-.288644564E-01 -.302359711E-01 -.315241311E-01 -.327249288E-01 -.338341485E-01  
-.348473749E-01 -.357600010E-01 -.365672326E-01 -.372640872E-01 -.378453869E-01  
-.383057439E-01 -.386395370E-01 -.388408808E-01 -.389035849E-01 -.388211048E-01  
-.385864836E-01 -.381922847E-01 -.376305135E-01 -.368925293E-01 -.359689411E-01  
-.348494867E-01 -.335228846E-01 -.319766505E-01 -.301968638E-01 -.281678655E-01  
-.258718713E-01 -.232884991E-01 -.203942996E-01 -.171627071E-01 -.135661106E-01  
-.958682033E-02 -.526488790E-02 -.811450400E-03 .377209207E-02 .849780795E-02  
.133828623E-01 .184487164E-01 .237219459E-01 .292356554E-01 .350314380E-01  
.411620855E-01 .476954193E-01 .547198504E-01 .623525905E-01 .707516341E-01  
.801315581E-01 .907770432E-01 .103031215E+00 .117251396E+00  
.109388433E+00  
-.282609320E-02 -.410730448E-02 -.563165833E-02 -.740196883E-02 -.930850298E-02  
-.112675871E-01 -.132292465E-01 -.151647188E-01 -.170574722E-01 -.188976911E-01  
-.206791127E-01 -.223972666E-01 -.240485102E-01 -.256295070E-01 -.271369487E-01  
-.285674134E-01 -.299172971E-01 -.311827862E-01 -.323598516E-01 -.334442525E-01  
-.344315440E-01 -.353170841E-01 -.360960377E-01 -.367633745E-01 -.373138615E-01  
-.377420478E-01 -.380422406E-01 -.382084737E-01 -.382344662E-01 -.381135727E-01

-.378387242E-01 -.374023585E-01 -.367963400E-01 -.360118675E-01 -.350393639E-01  
-.338683462E-01 -.324872650E-01 -.308833032E-01 -.290421185E-01 -.269475129E-01  
-.245810159E-01 -.219214077E-01 -.189443579E-01 -.156229380E-01 -.119320560E-01  
-.786937855E-02 -.354665273E-02 .887674732E-03 .545126359E-02 .101602355E-01  
.150335982E-01 .200947133E-01 .253726198E-01 .309037342E-01 .367341470E-01  
.429227659E-01 .495456389E-01 .567018204E-01 .645207717E-01 .731686897E-01  
.828376240E-01 .936342238E-01 .104957219E+00 .112349815E+00  
.107855423E+00  
-.278316553E-02 -.404590196E-02 -.554915367E-02 -.729613930E-02 -.918342501E-02  
-.111257686E-01 -.130719094E-01 -.149922083E-01 -.168695823E-01 -.186938828E-01  
-.204586485E-01 -.221592910E-01 -.237920959E-01 -.253536808E-01 -.268407057E-01  
-.282497230E-01 -.295771058E-01 -.308190173E-01 -.319714032E-01 -.330299948E-01  
-.339903153E-01 -.348476864E-01 -.355972311E-01 -.362338719E-01 -.367523223E-01  
-.371470708E-01 -.374123571E-01 -.375421399E-01 -.375300556E-01 -.373693673E-01  
-.370529055E-01 -.365729965E-01 -.359213807E-01 -.350891152E-01 -.340664588E-01  
-.328427322E-01 -.314061452E-01 -.297435780E-01 -.278403018E-01 -.256796237E-01  
-.232424566E-01 -.205068818E-01 -.174480273E-01 -.140395296E-01 -.102614420E-01  
-.613387361E-02 -.185398712E-02 .254423342E-02 .707270416E-02 .117471718E-01  
.165870693E-01 .216164061E-01 .268650783E-01 .323706382E-01 .381806889E-01  
.443561435E-01 .509756892E-01 .581419946E-01 .659908954E-01 .747080668E-01  
.845737083E-01 .961328507E-01 .110953513E+00 .119356567E+00  
.108292359E+00  
-.273617234E-02 -.397862385E-02 -.545864050E-02 -.717986165E-02 -.904605598E-02  
-.109702532E-01 -.128997562E-01 -.148039395E-01 -.166650973E-01 -.184727018E-01  
-.202200641E-01 -.219024581E-01 -.235160839E-01 -.250575030E-01 -.265233347E-01  
-.279100994E-01 -.292141408E-01 -.304315940E-01 -.315583752E-01 -.325901840E-01  
-.335225091E-01 -.343506337E-01 -.350696383E-01 -.356743979E-01 -.361595734E-01  
-.365195952E-01 -.367486393E-01 -.368405946E-01 -.367890215E-01 -.365871008E-01  
-.362275735E-01 -.357026679E-01 -.350040155E-01 -.341225502E-01 -.330483866E-01  
-.317706719E-01 -.302774003E-01 -.285551776E-01 -.265889229E-01 -.243614987E-01  
-.218532944E-01 -.190419169E-01 -.159026056E-01 -.124117310E-01 -.856256442E-02

-.443049805E-02 -.194399065E-03 .415655062E-02 .863514176E-02 .132569474E-01  
.180409945E-01 .230107055E-01 .281951599E-01 .336307781E-01 .393635817E-01  
.454522436E-01 .519721751E-01 .590208709E-01 .667244468E-01 .752443924E-01  
.847813668E-01 .955701261E-01 .107871248E+00 .113858856E+00  
.106043792E+00  
-.268461014E-02 -.390472851E-02 -.535909451E-02 -.705179187E-02 -.889486213E-02  
-.107994090E-01 -.127111135E-01 -.145982320E-01 -.164423500E-01 -.182325071E-01  
-.199617530E-01 -.216252010E-01 -.232189496E-01 -.247394914E-01 -.261833955E-01  
-.275471413E-01 -.288270365E-01 -.300191815E-01 -.311194580E-01 -.321235298E-01  
-.330268474E-01 -.338246532E-01 -.345119834E-01 -.350836651E-01 -.355343071E-01  
-.358582833E-01 -.360497091E-01 -.361024079E-01 -.360098705E-01 -.357652031E-01  
-.353610668E-01 -.347896036E-01 -.340423498E-01 -.331101312E-01 -.319829360E-01  
-.306497570E-01 -.290983940E-01 -.273152034E-01 -.252847851E-01 -.229896119E-01  
-.204096691E-01 -.175223962E-01 -.143040093E-01 -.107361668E-01 -.683303217E-02  
-.274729587E-02 .143470018E-02 .572629901E-02 .101403895E-01 .146917437E-01  
.193980975E-01 .242810953E-01 .293674097E-01 .346901880E-01 .402909785E-01  
.462223312E-01 .525513084E-01 .593640406E-01 .667706033E-01 .749049925E-01  
.838938474E-01 .936702438E-01 .103059769E+00 .105471725E+00  
.101754039E+00  
-.262797033E-02 -.382346294E-02 -.524945983E-02 -.691050718E-02 -.872819172E-02  
-.106114574E-01 -.125041436E-01 -.143732314E-01 -.161994973E-01 -.179714855E-01  
-.196819432E-01 -.213257961E-01 -.228990210E-01 -.243980266E-01 -.258193193E-01  
-.271593272E-01 -.284143134E-01 -.295803367E-01 -.306532379E-01 -.316286399E-01  
-.325019509E-01 -.332683696E-01 -.339228855E-01 -.344602768E-01 -.348750996E-01  
-.351616727E-01 -.353140523E-01 -.353260001E-01 -.351909415E-01 -.349019146E-01  
-.344515079E-01 -.338317864E-01 -.330342016E-01 -.320494833E-01 -.308675061E-01  
-.294771228E-01 -.278659549E-01 -.260201301E-01 -.239239619E-01 -.215596035E-01  
-.189068175E-01 -.159434063E-01 -.126482323E-01 -.901384953E-02 -.509507872E-02  
-.107750065E-02 .303744395E-02 .725743504E-02 .115931226E-01 .160574285E-01  
.206659004E-01 .254373488E-01 .303946733E-01 .355659266E-01 .409857187E-01  
.466971445E-01 .527545927E-01 .592282478E-01 .662124817E-01 .738451240E-01  
.823633702E-01 .923026617E-01 .105314072E+00 .103204618E+00 .979116236E-01  
-.256574775E-02 -.373407493E-02 -.512866442E-02 -.675452248E-02 -.854428859E-02

-.104044801E-01 -.122768427E-01 -.141269027E-01 -.159345106E-01 -.176876398E-01  
-.193786860E-01 -.210023530E-01 -.225544706E-01 -.240313445E-01 -.254294027E-01  
-.267450102E-01 -.279743747E-01 -.291135047E-01 -.301581935E-01 -.311040168E-01  
-.319463362E-01 -.326803025E-01 -.333008561E-01 -.338027236E-01 -.341804080E-01  
-.344281722E-01 -.345400142E-01 -.345096356E-01 -.343303994E-01 -.339952788E-01  
-.334967950E-01 -.328269412E-01 -.319770908E-01 -.309378846E-01 -.296990908E-01  
-.282494305E-01 -.265763575E-01 -.246657877E-01 -.225017877E-01 -.200662939E-01  
-.173391402E-01 -.142993660E-01 -.109312145E-01 -.724723021E-02 -.337477400E-02  
.576425841E-03 .461702628E-02 .875530856E-02 .130004225E-01 .173631194E-01  
.218561634E-01 .264947548E-01 .312970207E-01 .362845956E-01 .414833270E-01  
.469241828E-01 .526445628E-01 .586905933E-01 .651221538E-01 .720260397E-01  
.795540605E-01 .880371096E-01 .983177539E-01 .970183792E-01 .932874452E-01  
-.249745349E-02 -.363583772E-02 -.499566018E-02 -.658233807E-02 -.834132864E-02  
-.101764361E-01 -.120270430E-01 -.138570220E-01 -.156451624E-01 -.173787758E-01  
-.190498439E-01 -.206528039E-01 -.221833065E-01 -.236375293E-01 -.250118030E-01  
-.263024137E-01 -.275055019E-01 -.286170158E-01 -.296326928E-01 -.305480553E-01  
-.313584126E-01 -.320588632E-01 -.326442948E-01 -.331093798E-01 -.334485656E-01  
-.336560576E-01 -.337257950E-01 -.336514186E-01 -.334262292E-01 -.330431362E-01  
-.324945943E-01 -.317725265E-01 -.308682290E-01 -.297722543E-01 -.284742654E-01  
-.269628527E-01 -.252253074E-01 -.232473526E-01 -.210128675E-01 -.185037522E-01  
-.157004424E-01 -.125847915E-01 -.915119692E-02 -.544656443E-02 -.165320680E-02  
.222103934E-02 .617927871E-02 .102271244E-01 .143715077E-01 .186206220E-01  
.229840539E-01 .274729393E-01 .321000948E-01 .368800818E-01 .418291389E-01  
.469648715E-01 .523054961E-01 .578682067E-01 .636655155E-01 .696957565E-01  
.759130854E-01 .821163399E-01 .874994895E-01 .887679465E-01 .878963581E-01  
-.242262818E-02 -.352808599E-02 -.484949723E-02 -.639254465E-02 -.811749391E-02  
-.992519328E-02 -.117524136E-01 -.135611631E-01 -.153290090E-01 -.170424850E-01  
-.186930756E-01 -.202748927E-01 -.217833643E-01 -.232145080E-01 -.245645332E-01  
-.258296284E-01 -.270058526E-01 -.280890825E-01 -.290749907E-01 -.299590392E-01  
-.307364790E-01 -.314023513E-01 -.319514865E-01 -.323784992E-01 -.326777777E-01  
-.328434668E-01 -.328694438E-01 -.327492861E-01 -.324762295E-01 -.320431166E-01



-.314423322E-01 -.306657249E-01 -.297045087E-01 -.285491418E-01 -.271891746E-01  
-.256130612E-01 -.238079328E-01 -.217593496E-01 -.194511129E-01 -.168654248E-01  
-.139843375E-01 -.107956402E-01 -.731409288E-02 -.365634705E-02 .658821935E-04  
.386015067E-02 .773057909E-02 .116813350E-01 .157172044E-01 .198437093E-01  
.240671217E-01 .283944012E-01 .328330096E-01 .373905223E-01 .420738934E-01  
.468881256E-01 .518338704E-01 .569029919E-01 .620699724E-01 .672742279E-01  
.723818838E-01 .771035918E-01 .808456352E-01 .826604820E-01 .829875083E-01  
-.234084324E-02 -.341025295E-02 -.468944468E-02 -.618405300E-02 -.787110224E-02  
-.964856456E-02 -.114504516E-01 -.132366739E-01 -.149833661E-01 -.166761243E-01  
-.183058218E-01 -.198661641E-01 -.213522997E-01 -.227600453E-01 -.240854586E-01  
-.253246091E-01 -.264734579E-01 -.275277977E-01 -.284832268E-01 -.293351390E-01  
-.300787207E-01 -.307089504E-01 -.312205962E-01 -.316082100E-01 -.318661160E-01  
-.319883936E-01 -.319688528E-01 -.318010019E-01 -.314780052E-01 -.309926311E-01  
-.303371860E-01 -.295034338E-01 -.284824939E-01 -.272647156E-01 -.258395219E-01  
-.241952198E-01 -.223187868E-01 -.201956802E-01 -.178098342E-01 -.151443847E-01  
-.121848235E-01 -.893010281E-02 -.543013917E-02 -.185356840E-02 .178979700E-02  
.549991168E-02 .927838983E-02 .131273830E-01 .170494235E-01 .210473550E-01  
.251242060E-01 .292829492E-01 .335260805E-01 .378549129E-01 .422684195E-01  
.467613442E-01 .513210997E-01 .559226083E-01 .605196044E-01 .650299944E-01  
.693123638E-01 .731347309E-01 .761605122E-01 .780566118E-01 .789220769E-01  
-.225166452E-02 -.328187056E-02 -.451514702E-02 -.595665336E-02 -.760078432E-02  
-.934430996E-02 -.111184401E-01 -.128806346E-01 -.146052774E-01 -.162767952E-01  
-.178852912E-01 -.194239561E-01 -.208875849E-01 -.222717415E-01 -.235722966E-01  
-.247851752E-01 -.259062220E-01 -.269311331E-01 -.278554225E-01 -.286744081E-01  
-.293832053E-01 -.299767239E-01 -.304496640E-01 -.307965088E-01 -.310115121E-01  
-.310886806E-01 -.310217492E-01 -.308041476E-01 -.304289582E-01 -.298888625E-01  
-.291760741E-01 -.282822545E-01 -.271984084E-01 -.259147536E-01 -.244205638E-01  
-.227039872E-01 -.207518730E-01 -.185497061E-01 -.160819770E-01 -.133340091E-01  
-.102984738E-01 -.699686346E-02 -.354734033E-02 -.422104439E-04 .352216054E-02  
.714635406E-02 .108306203E-01 .145752577E-01 .183806178E-01 .222469946E-01  
.261744114E-01 .301622681E-01 .342087827E-01 .383101321E-01 .424591416E-01  
.466433042E-01 .508417989E-01 .550210457E-01 .591282449E-01 .630825885E-01  
.667652922E-01 .700144188E-01 .726418596E-01 .745037132E-01 .756209278E-01

-.215455615E-02 -.314242975E-02 -.432660971E-02 -.571265441E-02 -.730547918E-02  
-.900997771E-02 -.107533397E-01 -.124897974E-01 -.141914824E-01 -.158413275E-01  
-.174284541E-01 -.189453989E-01 -.203865097E-01 -.217470360E-01 -.230226192E-01  
-.242090116E-01 -.253019228E-01 -.262969386E-01 -.271894794E-01 -.279747799E-01  
-.286478779E-01 -.292036086E-01 -.296365978E-01 -.299412527E-01 -.301117486E-01  
-.301420100E-01 -.300256853E-01 -.297561125E-01 -.293262765E-01 -.287287538E-01  
-.279556435E-01 -.269984801E-01 -.258481254E-01 -.244946361E-01 -.229271116E-01  
-.211335409E-01 -.191007187E-01 -.168144384E-01 -.142605811E-01 -.114290072E-01  
-.832641553E-02 -.501867003E-02 -.164599554E-02 .178370985E-02 .526821310E-02  
.880596346E-02 .123954633E-01 .160351540E-01 .197233152E-01 .234579006E-01  
.272362729E-01 .310548003E-01 .349082558E-01 .387889450E-01 .426854576E-01  
.465809110E-01 .504505353E-01 .542584713E-01 .579538292E-01 .614665860E-01  
.647052065E-01 .675603835E-01 .699223495E-01 .717173927E-01 .729478475E-01  
-.204876281E-02 -.299093862E-02 -.412261472E-02 -.545055191E-02 -.698267641E-02  
-.864240440E-02 -.103516447E-01 -.120605460E-01 -.137384084E-01 -.153662832E-01  
-.169320515E-01 -.184274250E-01 -.198461926E-01 -.211832159E-01 -.224338601E-01  
-.235936744E-01 -.246582139E-01 -.256229419E-01 -.264831766E-01 -.272340626E-01  
-.278705546E-01 -.283874071E-01 -.287791643E-01 -.290401492E-01 -.291644483E-01  
-.291458917E-01 -.289780260E-01 -.286540801E-01 -.281669203E-01 -.275089935E-01  
-.266722558E-01 -.256480826E-01 -.244271580E-01 -.229993454E-01 -.213535531E-01  
-.194776456E-01 -.173585499E-01 -.149829747E-01 -.123399237E-01 -.942842014E-02  
-.628073772E-02 -.303262481E-02 .270847479E-03 .362701453E-02 .703282936E-02  
.104852471E-01 .139811375E-01 .175171835E-01 .210897547E-01 .246947208E-01  
.283271753E-01 .319810339E-01 .356484648E-01 .393191022E-01 .429789850E-01  
.466091704E-01 .501840003E-01 .536690889E-01 .570193181E-01 .601775523E-01  
.630755161E-01 .656391466E-01 .678008336E-01 .695179418E-01 .707884569E-01  
-.193325313E-02 -.282587275E-02 -.390074357E-02 -.516541355E-02 -.662867526E-02  
-.823791185E-02 -.990950891E-02 -.115889725E-01 -.132422222E-01 -.148479957E-01  
-.163926272E-01 -.178667977E-01 -.192636038E-01 -.205774349E-01 -.218033283E-01  
-.229365991E-01 -.239726296E-01 -.249067495E-01 -.257341679E-01 -.264499343E-01  
-.270489151E-01 -.275257778E-01 -.278749777E-01 -.280907434E-01 -.281670604E-01

-.280976484E-01 -.278759337E-01 -.274950128E-01 -.269476063E-01 -.262260002E-01  
-.253219723E-01 -.242267008E-01 -.229306561E-01 -.214234838E-01 -.196939155E-01  
-.177298146E-01 -.155186638E-01 -.130493610E-01 -.103177869E-01 -.734318327E-02  
-.421458397E-02 -.103056180E-02 .220600294E-02 .549126445E-02 .882097622E-02  
.121906887E-01 .155957400E-01 .190311795E-01 .224916474E-01 .259711972E-01  
.294630407E-01 .329591877E-01 .364499562E-01 .399233236E-01 .433641010E-01  
.467529334E-01 .500651752E-01 .532697838E-01 .563285435E-01 .591961814E-01  
.618222400E-01 .641557084E-01 .661528885E-01 .677870861E-01 .690556672E-01  
-.180670739E-02 -.264545857E-02 -.365874985E-02 -.485446603E-02 -.624086581E-02  
-.779326328E-02 -.942316059E-02 -.110710803E-01 -.126989491E-01 -.142826533E-01  
-.158065926E-01 -.172601616E-01 -.186356043E-01 -.199267421E-01 -.211282284E-01  
-.222351135E-01 -.232425904E-01 -.241458469E-01 -.249399782E-01 -.256199352E-01  
-.261804916E-01 -.266162223E-01 -.269214848E-01 -.270904021E-01 -.271168432E-01  
-.269943984E-01 -.267163498E-01 -.262756331E-01 -.256647897E-01 -.248759063E-01  
-.239005413E-01 -.227296364E-01 -.213534201E-01 -.197613285E-01 -.179420169E-01  
-.158836761E-01 -.135752513E-01 -.110102700E-01 -.819830903E-02 -.519915984E-02  
-.213354744E-02 .988908655E-03 .416199941E-02 .738012242E-02 .106376319E-01  
.139286828E-01 .172471573E-01 .205865892E-01 .239400610E-01 .273000570E-01  
.306582521E-01 .340052212E-01 .373300514E-01 .406198487E-01 .438591439E-01  
.470292282E-01 .501074930E-01 .530669250E-01 .558760047E-01 .584993804E-01  
.608997666E-01 .630414192E-01 .648950686E-01 .664432241E-01 .676837228E-01  
-.166743388E-02 -.244761368E-02 -.339454081E-02 -.451638176E-02 -.581974986E-02  
-.730655425E-02 -.888930480E-02 -.105030152E-01 -.121046379E-01 -.136664283E-01  
-.151703290E-01 -.166041223E-01 -.179590067E-01 -.192281259E-01 -.204056904E-01  
-.214864557E-01 -.224654122E-01 -.233376001E-01 -.240979988E-01 -.247414584E-01  
-.252626568E-01 -.256560698E-01 -.259159479E-01 -.260362948E-01 -.260108445E-01  
-.258330349E-01 -.254959751E-01 -.249924054E-01 -.243146480E-01 -.234545464E-01  
-.224033962E-01 -.211518695E-01 -.196899551E-01 -.180069696E-01 -.160917969E-01  
-.139337759E-01 -.115253886E-01 -.886994193E-02 -.600318060E-02 -.305251563E-02  
-.404361151E-04 .302633217E-02 .614110879E-02 .929719755E-02 .124877129E-01  
.157054889E-01 .189430268E-01 .221924450E-01 .254454119E-01 .286930452E-01  
.319257632E-01 .351330763E-01 .383033105E-01 .414232640E-01 .444778124E-01  
.474495039E-01 .503182190E-01 .530610185E-01 .556523572E-01 .580648821E-01  
.602710224E-01 .622454494E-01 .639681693E-01 .654275558E-01 .666222790E-01

-.151315307E-02 -.222953253E-02 -.310545658E-02 -.415037895E-02 -.537205254E-02  
-.677737248E-02 -.830524825E-02 -.988128198E-02 -.114555873E-01 -.129956739E-01  
-.144803445E-01 -.158953654E-01 -.172306609E-01 -.184785733E-01 -.196328080E-01  
-.206877969E-01 -.216383165E-01 -.224792571E-01 -.232054816E-01 -.238117391E-01  
-.242926084E-01 -.246424596E-01 -.248554248E-01 -.249253722E-01 -.248458795E-01  
-.246102045E-01 -.242112494E-01 -.236415193E-01 -.228930718E-01 -.219574611E-01  
-.208256812E-01 -.194881267E-01 -.179346183E-01 -.161546218E-01 -.141379899E-01  
-.118771119E-01 -.937285832E-02 -.665089550E-02 -.380599767E-02 -.899364041E-03  
.206568848E-02 .508309308E-02 .814576800E-02 .112461027E-01 .143760655E-01  
.175272232E-01 .206907459E-01 .238574026E-01 .270175456E-01 .301610698E-01  
.332773377E-01 .363550604E-01 .393821302E-01 .423454103E-01 .452304994E-01  
.480215121E-01 .507009365E-01 .532496636E-01 .556473037E-01 .578729113E-01  
.599062023E-01 .617292405E-01 .633283880E-01 .646960968E-01 .658320108E-01  
-.134067902E-02 -.198698245E-02 -.278668457E-02 -.375118727E-02 -.488839040E-02  
-.620324673E-02 -.766874794E-02 -.920313183E-02 -.107487442E-01 -.122672443E-01  
-.137335137E-01 -.151308290E-01 -.164475743E-01 -.176751512E-01 -.188066906E-01  
-.198362712E-01 -.207584449E-01 -.215679498E-01 -.222595333E-01 -.228278424E-01  
-.232673528E-01 -.235723209E-01 -.237367470E-01 -.237543445E-01 -.236185097E-01  
-.233222884E-01 -.228583382E-01 -.222188850E-01 -.213956763E-01 -.203799362E-01  
-.191623417E-01 -.177330639E-01 -.160819816E-01 -.141993433E-01 -.120775827E-01  
-.971614466E-02 -.713427892E-02 -.440480265E-02 -.160350716E-02 .126225331E-02  
.418608952E-02 .716082396E-02 .101784794E-01 .132304223E-01 .163074548E-01  
.193998735E-01 .224975206E-01 .255898327E-01 .286658858E-01 .317144257E-01  
.347238751E-01 .376823077E-01 .405773844E-01 .433962565E-01 .461254519E-01  
.487507763E-01 .512572796E-01 .536293540E-01 .558510369E-01 .579065850E-01  
.597813472E-01 .614628896E-01 .629422212E-01 .642148704E-01 .652815270E-01  
-.114553457E-02 -.171369880E-02 -.243106199E-02 -.331241364E-02 -.436492231E-02  
-.558927426E-02 -.698081579E-02 -.846781749E-02 -.998246588E-02 -.114790111E-01  
-.129274334E-01 -.143079459E-01 -.156070746E-01 -.168151118E-01 -.179245300E-01  
-.189290152E-01 -.198228789E-01 -.206007014E-01 -.212571122E-01 -.217866533E-01  
-.221836912E-01 -.224423569E-01 -.225565025E-01 -.225196644E-01 -.223250284E-01  
-.219653940E-01 -.214331346E-01 -.207201559E-01 -.198178581E-01 -.187171206E-01

-.174083509E-01 -.158816974E-01 -.141276613E-01 -.121386924E-01 -.991326465E-02  
-.746631045E-02 -.485594950E-02 -.216452008E-02 .600577018E-03 .343174448E-02  
.632128657E-02 .926091880E-02 .122416192E-01 .152536370E-01 .182865479E-01  
.213293275E-01 .243704423E-01 .273979540E-01 .303996340E-01 .333630747E-01  
.362757875E-01 .391252735E-01 .418990588E-01 .445846952E-01 .471697343E-01  
.496417022E-01 .519881094E-01 .541965458E-01 .562549083E-01 .581518010E-01  
.598771129E-01 .614227340E-01 .627833066E-01 .639568639E-01 .649451977E-01  
-.921517818E-03 -.140026794E-02 -.202739869E-02 -.282497041E-02 -.379760905E-02  
-.494030660E-02 -.624593241E-02 -.767775039E-02 -.915751931E-02 -.106305832E-01  
-.120609121E-01 -.134249694E-01 -.147070239E-01 -.158960335E-01 -.169836905E-01  
-.179632239E-01 -.188286725E-01 -.195744420E-01 -.201950339E-01 -.206848758E-01  
-.210382132E-01 -.212490367E-01 -.213110293E-01 -.212175239E-01 -.209614656E-01  
-.205353731E-01 -.199313016E-01 -.191408095E-01 -.181549465E-01 -.169643023E-01  
-.155592131E-01 -.139303384E-01 -.120701127E-01 -.997631833E-02 -.766092836E-02  
-.517209835E-02 -.259386518E-02 .672176429E-04 .280382431E-02 .560802591E-02  
.847131485E-02 .113844454E-01 .143373378E-01 .173190660E-01 .203179033E-01  
.233214145E-01 .263165871E-01 .292899984E-01 .322280088E-01 .351169673E-01  
.379434114E-01 .406942426E-01 .433568610E-01 .459192510E-01 .483700211E-01  
.506984130E-01 .528943098E-01 .549482798E-01 .568516933E-01 .585969431E-01  
.601777716E-01 .615896788E-01 .628303486E-01 .639000021E-01 .648015903E-01  
-.660432665E-03 -.103226868E-02 -.155662181E-02 -.227458239E-02 -.317915457E-02  
-.425213690E-02 -.547731718E-02 -.684089580E-02 -.827861645E-02 -.972431852E-02  
-.111346300E-01 -.124814052E-01 -.137461039E-01 -.149160107E-01 -.159818364E-01  
-.169362368E-01 -.177729104E-01 -.184860484E-01 -.190699980E-01 -.195190516E-01  
-.198273140E-01 -.199886129E-01 -.199964367E-01 -.198438867E-01 -.195236370E-01  
-.190278992E-01 -.183483958E-01 -.174763531E-01 -.164025501E-01 -.151175084E-01  
-.136120322E-01 -.118785613E-01 -.991441021E-02 -.772953502E-02 -.536527585E-02  
-.290378301E-02 -.350570966E-03 .228785213E-02 .500406369E-02 .778977865E-02  
.106358354E-01 .135321183E-01 .164674976E-01 .194298210E-01 .224059659E-01  
.253819542E-01 .283431305E-01 .312744003E-01 .341605170E-01 .369863986E-01  
.397374485E-01 .423998506E-01 .449608104E-01 .474087228E-01 .497332601E-01  
.519253877E-01 .539773328E-01 .558825393E-01 .576356485E-01 .592325346E-01  
.606704099E-01 .619479888E-01 .630656755E-01 .640257226E-01 .648323056E-01  
-.353220643E-03 -.587776348E-03 -.982337042E-03 -.164035122E-02 -.250346200E-02

-.352790708E-02 -.468911812E-02 -.597232593E-02 -.735630246E-02 -.876662531E-02  
-.101519906E-01 -.114785788E-01 -.127242052E-01 -.138739277E-01 -.149171299E-01  
-.158456836E-01 -.166528185E-01 -.173324311E-01 -.178786607E-01 -.182856259E-01  
-.185472578E-01 -.186571905E-01 -.186086880E-01 -.183945919E-01 -.180072845E-01  
-.174386665E-01 -.166801621E-01 -.157227796E-01 -.145572994E-01 -.131747660E-01  
-.115677407E-01 -.973331193E-02 -.768013772E-02 -.544492728E-02 -.310481998E-02  
-.664336697E-03 .187098874E-02 .449460492E-02 .719893350E-02 .997534141E-02  
.128140839E-01 .157042286E-01 .186335963E-01 .215887504E-01 .245550528E-01  
.275168035E-01 .304574696E-01 .333600059E-01 .362072549E-01 .389824012E-01  
.416694415E-01 .442536264E-01 .467218263E-01 .490627867E-01 .512672545E-01  
.533279749E-01 .552395863E-01 .569984490E-01 .586024588E-01 .600508853E-01  
.613442669E-01 .624843660E-01 .634741719E-01 .643179173E-01 .650210733E-01  
.223559974E-05 -.366471810E-04 -.220937411E-03 -.897368912E-03 -.177254772E-02  
-.277736360E-02 -.389111216E-02 -.510419195E-02 -.641023081E-02 -.776960765E-02  
-.912019321E-02 -.104204025E-01 -.116429943E-01 -.127698865E-01 -.137885602E-01  
-.146897453E-01 -.154659780E-01 -.161107165E-01 -.166177986E-01 -.169811028E-01  
-.171943366E-01 -.172509005E-01 -.171438021E-01 -.168656043E-01 -.164084021E-01  
-.157638354E-01 -.149231732E-01 -.138775337E-01 -.126183942E-01 -.111387179E-01  
-.943571984E-02 -.751740265E-02 -.541745776E-02 -.320484664E-02 -.883283623E-03  
.154263015E-02 .406733453E-02 .668423354E-02 .938561077E-02 .121625320E-01  
.150047348E-01 .179005174E-01 .208366515E-01 .237983495E-01 .267693127E-01  
.297318868E-01 .326673439E-01 .355562979E-01 .383792434E-01 .411171849E-01  
.437523026E-01 .462685833E-01 .486523456E-01 .508925998E-01 .529812067E-01  
.549128325E-01 .566847265E-01 .582963781E-01 .597491187E-01 .610457369E-01  
.621901560E-01 .631871981E-01 .640424335E-01 .647620934E-01 .653530141E-01  
.377178257E-03 .640957593E-03 .970179134E-03 -.539156592E-04 -.101768392E-02  
-.202494924E-02 -.310056785E-02 -.424899656E-02 -.546813488E-02 -.675207517E-02  
-.805149614E-02 -.931447912E-02 -.105068059E-01 -.116059191E-01 -.125965190E-01  
-.134676300E-01 -.142107312E-01 -.148186085E-01 -.152846444E-01 -.156023749E-01  
-.157652126E-01 -.157662762E-01 -.155982910E-01 -.152535502E-01 -.147239280E-01  
-.140009710E-01 -.130761632E-01 -.119415058E-01 -.105907852E-01 -.902199407E-02  
-.724324398E-02 -.528653140E-02 -.320899901E-02 -.101389100E-02 .129493276E-02  
.371285335E-02 .623435051E-02 .885285676E-02 .115606024E-01 .143484487E-01  
.172057118E-01 .201199913E-01 .230770274E-01 .260606187E-01 .290526390E-01

.320331925E-01 .349809422E-01 .378736327E-01 .406888019E-01 .434046407E-01  
.460009220E-01 .484598919E-01 .507670102E-01 .529114462E-01 .548862712E-01  
.566883389E-01 .583178914E-01 .597779733E-01 .610737581E-01 .622118898E-01  
.631999217E-01 .640458918E-01 .647580423E-01 .653446604E-01 .658140033E-01  
.715894765E-03 .110393261E-02 .147204592E-02 .603303189E-03 -.330128503E-03  
-.130944030E-02 -.233928904E-02 -.342261835E-02 -.455829979E-02 -.574168817E-  
02  
-.696532167E-02 -.817390287E-02 -.932413074E-02 -.103872102E-01 -.113438158E-  
01  
-.121804379E-01 -.128869426E-01 -.134550805E-01 -.138775457E-01 -.141473797E-  
01  
-.142576069E-01 -.142010154E-01 -.139700476E-01 -.135568059E-01 -.129531533E-  
01  
-.121509591E-01 -.111427617E-01 -.992308938E-02 -.849162007E-02 -.685802083E-  
02  
-.505398653E-02 -.312028348E-02 -.106021180E-02 .112277673E-02 .342481658E-  
02  
.584140658E-02 .836720268E-02 .109958086E-01 .137195535E-01 .165292523E-01  
.194139517E-01 .223606744E-01 .253541888E-01 .283768424E-01 .314085088E-01  
.344267109E-01 .374069781E-01 .403234841E-01 .431499746E-01 .458609370E-01  
.484328983E-01 .508456869E-01 .530834784E-01 .551354793E-01 .569961582E-01  
.586650080E-01 .601458957E-01 .614461286E-01 .625753997E-01 .635447807E-01  
.643658800E-01 .650502281E-01 .656088912E-01 .660522791E-01 .663900897E-01  
.100054801E-02 .154630072E-02 .212914323E-02 .121106433E-02 .295778446E-03  
-.644927503E-03 -.162151677E-02 -.263716989E-02 -.369068519E-02 -.477767621E-  
02  
-.589141409E-02 -.702004971E-02 -.811003681E-02 -.912416206E-02 -.100374409E-  
01  
-.108327056E-01 -.114973867E-01 -.120216643E-01 -.123972101E-01 -.126163585E-  
01  
-.126716344E-01 -.125554724E-01 -.122600933E-01 -.117776466E-01 -.111005200E-  
01  
-.102218343E-01 -.913701982E-02 -.784626032E-02 -.636289008E-02 -.472157092E-  
02  
-.294083956E-02 -.102477147E-02 .102316178E-02 .319957155E-02 .550081019E-  
02  
.792269751E-02 .104602664E-01 .131075009E-01 .158570517E-01 .186999206E-01  
.216251148E-01 .246192825E-01 .276663576E-01 .307472584E-01 .338397099E-01  
.369182763E-01 .399547070E-01 .429186848E-01 .457790201E-01 .485052463E-01  
.510694507E-01 .534480809E-01 .556234370E-01 .575846260E-01 .593278395E-01  
.608559332E-01 .621773907E-01 .633048717E-01 .642536155E-01 .650399646E-01  
.656801889E-01 .661896810E-01 .665825053E-01 .668712280E-01 .670669399E-01  
.123572595E-02 .187545898E-02 .254662622E-02 .169991023E-02 .842767296E-03  
-.414220500E-04 -.956117251E-03 -.190084210E-02 -.287259808E-02 -.386611381E-  
02  
-.487394512E-02 -.588630651E-02 -.688985338E-02 -.783573481E-02 -.869152033E-  
02  
-.943508721E-02 -.100502193E-01 -.105247881E-01 -.108490065E-01 -.110142135E-  
01  
-.110123323E-01 -.108355162E-01 -.104759491E-01 -.992639416E-02 -.918105642E-  
02  
-.823620053E-02 -.709436918E-02 -.576592442E-02 -.429427047E-02 -.267405173E-  
02  
-.910057646E-03 .994093356E-03 .303530838E-02 .521061856E-02 .751687285E-02

.995046463E-02 .125070574E-01 .151812867E-01 .179664205E-01 .208539680E-01  
.238332302E-01 .268908005E-01 .300100389E-01 .331705718E-01 .363479019E-01  
.395132570E-01 .426338388E-01 .456736451E-01 .485949836E-01 .513606589E-01  
.539365991E-01 .562944863E-01 .584139159E-01 .602837409E-01 .619024135E-01  
.632772829E-01 .644229703E-01 .653591245E-01 .661080198E-01 .666924370E-01  
.671340882E-01 .674526484E-01 .676653153E-01 .677867551E-01 .678292878E-01  
.143075398E-02 .211355670E-02 .276331130E-02 .209126355E-02 .131891020E-02  
.501682487E-03 -.346028640E-03 -.121804740E-02 -.210895930E-02 -.301225720E-  
02  
-.391976456E-02 -.482129077E-02 -.570429709E-02 -.655448819E-02 -.733196958E-  
02  
-.800883767E-02 -.856323635E-02 -.897988841E-02 -.924710485E-02 -.935481483E-  
02  
-.929431894E-02 -.905787720E-02 -.863799360E-02 -.802917061E-02 -.723061151E-  
02  
-.624462597E-02 -.509241482E-02 -.378490093E-02 -.232721829E-02 -.720384593E-  
03  
.103312844E-02 .293085256E-02 .497050340E-02 .714985420E-02 .946653071E-02  
.119177736E-01 .145001678E-01 .172093245E-01 .200394998E-01 .229831297E-01  
.260302717E-01 .291679445E-01 .323793827E-01 .356432532E-01 .389329304E-01  
.422160037E-01 .454542678E-01 .486045090E-01 .516203687E-01 .544553634E-01  
.570667397E-01 .594194012E-01 .614890580E-01 .632641366E-01 .647462052E-01  
.659488562E-01 .668951772E-01 .676142484E-01 .681375018E-01 .684957049E-01  
.687169359E-01 .688255400E-01 .688418498E-01 .687823968E-01 .686603840E-01  
.159430153E-02 .239306783E-02 .325486482E-02 .249143655E-02 .175056611E-02  
.991132623E-03 .209438315E-03 -.590468901E-03 -.140250928E-02 -.221935556E-  
02  
-.303229497E-02 -.383093307E-02 -.460285189E-02 -.533318412E-02 -.600293317E-  
02  
-.659286291E-02 -.707079791E-02 -.741826176E-02 -.762161761E-02 -.766856208E-  
02  
-.754999389E-02 -.725975045E-02 -.679098677E-02 -.614138998E-02 -.532414626E-  
02  
-.434523778E-02 -.320595426E-02 -.191069657E-02 -.462735633E-03 .113617445E-  
02  
.288442223E-02 .478053211E-02 .682317563E-02 .901108768E-02 .113429157E-01  
.138170188E-01 .164312137E-01 .191824551E-01 .220664273E-01 .250770206E-01  
.282056647E-01 .314404942E-01 .347653362E-01 .381585449E-01 .415917770E-01  
.450289114E-01 .484254825E-01 .517291649E-01 .548819258E-01 .578242149E-01  
.605008098E-01 .628668807E-01 .648925666E-01 .665656725E-01 .678922072E-01  
.688946994E-01 .696083084E-01 .700752259E-01 .703390416E-01 .704404794E-01  
.704149516E-01 .702916739E-01 .700938245E-01 .698392620E-01 .695414546E-01  
.173125960E-02 .254989369E-02 .337633467E-02 .277377201E-02 .211644258E-02  
.142496257E-02 .710528474E-03 -.185196221E-04 -.754417313E-03 -.148901101E-  
02  
-.221322782E-02 -.291670151E-02 -.358745407E-02 -.421158450E-02 -.477293377E-  
02  
-.525379104E-02 -.563379359E-02 -.589723953E-02 -.602994863E-02 -.601466190E-  
02  
-.584254953E-02 -.551448506E-02 -.502329017E-02 -.436674179E-02 -.354826417E-  
02  
-.257079639E-02 -.143606648E-02 -.146190360E-03 .129711118E-02 .289277249E-  
02  
.464007415E-02 .653854432E-02 .858791307E-02 .107880416E-01 .131388081E-01



.156399446E-01 .182908145E-01 .210901103E-01 .240354444E-01 .271227929E-01  
.303457443E-01 .336944968E-01 .371545528E-01 .407050793E-01 .443169788E-01  
.479508646E-01 .515554111E-01 .550669500E-01 .584115703E-01 .615108895E-01  
.642913347E-01 .666940317E-01 .686811612E-01 .702396859E-01 .713820248E-01  
.721437518E-01 .725778245E-01 .727452082E-01 .727058630E-01 .725128134E-01  
.722095706E-01 .718299428E-01 .713991307E-01 .709353044E-01 .704512017E-01  
.184627125E-02 .269629606E-02 .352331637E-02 .303107481E-02 .244064370E-02  
.181069862E-02 .115998210E-02 .498696466E-03 -.164651130E-03 -.821540752E-  
03  
-.146283179E-02 -.207842173E-02 -.265700187E-02 -.318589087E-02 -.365100657E-  
02  
-.403720992E-02 -.432874370E-02 -.451131379E-02 -.457180919E-02 -.449788887E-  
02  
-.428101118E-02 -.391653069E-02 -.339960888E-02 -.272758310E-02 -.190029418E-  
02  
-.918289151E-03 .217915663E-03 .150773810E-02 .295079134E-02 .454704496E-02  
.629679804E-02 .820065078E-02 .102594812E-01 .124744050E-01 .148467035E-01  
.173777082E-01 .200686271E-01 .229202885E-01 .259327677E-01 .291048434E-01  
.324332137E-01 .359113756E-01 .395280481E-01 .432650141E-01 .470942909E-01  
.509746952E-01 .548482580E-01 .586377130E-01 .622474294E-01 .655709872E-01  
.685068184E-01 .709760192E-01 .729295206E-01 .743532110E-01 .752686194E-01  
.757304412E-01 .758189682E-01 .756229538E-01 .752245412E-01 .746914571E-01  
.740753133E-01 .734132466E-01 .727307639E-01 .720446423E-01 .713654079E-01  
.194254711E-02 .290329121E-02 .396852288E-02 .331799254E-02 .273575297E-02  
.215248777E-02 .155978877E-02 .962290131E-03 .367461749E-03 -.216385997E-03  
-.780330721E-03 -.131471819E-02 -.180901756E-02 -.225174517E-02 -.263052038E-  
02  
-.293233198E-02 -.314400292E-02 -.325301365E-02 -.324779227E-02 -.311798808E-  
02  
-.285539903E-02 -.245399826E-02 -.190892734E-02 -.121681245E-02 -.375731261E-  
03  
.615446841E-03 .175754376E-02 .305127871E-02 .449746945E-02 .609717766E-02  
.785177503E-02 .976297916E-02 .118328752E-01 .140639206E-01 .164589267E-01  
.190210048E-01 .217534644E-01 .246596367E-01 .277425855E-01 .310046460E-01  
.344466982E-01 .380670394E-01 .418596566E-01 .458116275E-01 .498993160E-01  
.540830713E-01 .583004968E-01 .624595055E-01 .664349864E-01 .700768827E-01  
.732381638E-01 .758132693E-01 .777373708E-01 .789952196E-01 .796204930E-01  
.796950198E-01 .793437707E-01 .786982954E-01 .778704858E-01 .769441670E-01  
.759771306E-01 .750067638E-01 .740558066E-01 .731370379E-01 .722567406E-01  
.202088982E-02 .294848068E-02 .387090406E-02 .345853793E-02 .296636679E-02  
.244428329E-02 .190976937E-02 .137309099E-02 .842888030E-03 .327560758E-03  
-.164258253E-03 -.623463352E-03 -.104033738E-02 -.140450640E-02 -.170500837E-  
02  
-.193050008E-02 -.206959630E-02 -.211131589E-02 -.204540925E-02 -.186266106E-  
02  
-.155526230E-02 -.111686020E-02 -.542288714E-03 .172474334E-03 .103044118E-  
02  
.203394453E-02 .318495609E-02 .448531698E-02 .593692864E-02 .754190330E-02  
.930267277E-02 .112220718E-01 .133034072E-01 .155505148E-01 .179678032E-01  
.205602774E-01 .233335310E-01 .262936875E-01 .294472529E-01 .328008239E-01  
.363605499E-01 .401311886E-01 .441144868E-01 .483064549E-01 .526928596E-01  
.572419674E-01 .618934452E-01 .665432017E-01 .710281337E-01 .751265095E-01  
.786079343E-01 .813417711E-01 .832394373E-01 .842860671E-01 .845290543E-01  
.840830641E-01 .831546154E-01 .819440698E-01 .806009944E-01 .792227784E-01

.778673506E-01 .765662927E-01 .753346855E-01 .741777129E-01 .730948886E-01  
.208300793E-02 .304226770E-02 .401155887E-02 .362159647E-02 .316987467E-02  
.269511401E-02 .221275063E-02 .173256730E-02 .126289571E-02 .811755631E-03  
.387274140E-03 -.209944389E-05 -.347478020E-03 -.639507002E-03 -.868426133E-  
03  
-.102422689E-02 -.109689327E-02 -.107669199E-02 -.954437228E-03 -.721727973E-  
03  
-.371149451E-03 .103668398E-03 .708128914E-03 .144674839E-02 .232328905E-02  
.334096978E-02 .450269285E-02 .581124682E-02 .726948581E-02 .888048500E-02  
.106476743E-01 .125749579E-01 .146668274E-01 .169284734E-01 .193658966E-01  
.219860200E-01 .247967956E-01 .278072957E-01 .310277659E-01 .344695964E-01  
.381451294E-01 .420671546E-01 .462478144E-01 .506964012E-01 .554150764E-01  
.603906944E-01 .655794931E-01 .708797353E-01 .760889741E-01 .808634084E-01  
.847819043E-01 .877478744E-01 .896184156E-01 .903916949E-01 .901248697E-01  
.889420931E-01 .872299936E-01 .853017449E-01 .833450099E-01 .814572095E-01  
.796827329E-01 .780371533E-01 .765210764E-01 .751277449E-01 .738471779E-01  
.212887411E-02 .316511661E-02 .431013668E-02 .379310359E-02 .334433740E-02  
.290517910E-02 .246937449E-02 .204160228E-02 .162866522E-02 .123778140E-02  
.876377265E-03 .552155491E-03 .273166964E-03 .478261343E-04 -.115143216E-03  
-.206830132E-03 -.218313424E-03 -.140868264E-03 .338325897E-04 .313541524E-  
03  
.705302213E-03 .121539455E-02 .184935736E-02 .261205287E-02 .350777551E-02  
.454040475E-02 .571357844E-02 .703086629E-02 .849593608E-02 .101127111E-01  
.118855198E-01 .138192442E-01 .159194714E-01 .181926573E-01 .206463066E-01  
.232891768E-01 .261315106E-01 .291852994E-01 .324645786E-01 .359857406E-01  
.397678330E-01 .438327620E-01 .482052228E-01 .529119626E-01 .579794858E-01  
.634281007E-01 .692571451E-01 .754085312E-01 .816789929E-01 .875368942E-01  
.919711067E-01 .952926717E-01 .971178902E-01 .975418011E-01 .966243297E-01  
.943062782E-01 .914916304E-01 .886565223E-01 .859895271E-01 .835496578E-01  
.813428673E-01 .793545207E-01 .775629754E-01 .759453207E-01 .744797915E-01  
.215702614E-02 .314604192E-02 .413748763E-02 .383517172E-02 .345927585E-02  
.306767418E-02 .267833094E-02 .230046071E-02 .194121143E-02 .160725532E-02  
.130528136E-02 .104220128E-02 .825238068E-03 .661937572E-03 .560118230E-03  
.527770015E-03 .572916453E-03 .703458073E-03 .927018487E-03 .125081021E-02  
.168153600E-02 .222534125E-02 .288781898E-02 .367405725E-02 .458872467E-02  
.563618885E-02 .682065629E-02 .814632246E-02 .961752611E-02 .112389059E-01  
.130155609E-01 .149532200E-01 .170584265E-01 .193387467E-01 .218030135E-01  
.244616173E-01 .273268606E-01 .304133968E-01 .337387786E-01 .373241461E-01  
.411950947E-01 .453827599E-01 .499251575E-01 .548687810E-01 .602703435E-01  
.661980935E-01 .727301549E-01 .799379360E-01 .877962198E-01 .957295532E-01  
.100343600E+00 .104379856E+00 .106038438E+00 .106029027E+00  
.104496901E+00  
.100124212E+00 .957273374E-01 .917987391E-01 .883663195E-01 .853726653E-01  
.827522347E-01 .804464054E-01 .784055016E-01 .765880653E-01 .749596266E-01  
.216681577E-02 .318786449E-02 .426326268E-02 .390786303E-02 .354677376E-02  
.318844571E-02 .284060210E-02 .250971147E-02 .220158378E-02 .192186222E-02  
.167632254E-02 .147102892E-02 .131239213E-02 .120715984E-02 .116235804E-02  
.118519717E-02 .128295540E-02 .146285231E-02 .173192707E-02 .209693359E-02  
.256426387E-02 .313990808E-02 .382945374E-02 .463812109E-02 .557083088E-02  
.663230030E-02 .782716018E-02 .916008735E-02 .106359482E-01 .122599526E-01  
.140378204E-01 .159759650E-01 .180817018E-01 .203634927E-01 .228312401E-01  
.254966495E-01 .283736882E-01 .314791741E-01 .348335486E-01 .384619059E-01  
.423953912E-01 .466731364E-01 .513450092E-01 .564756609E-01 .621508692E-01  
.684886374E-01 .756624296E-01 .839619995E-01 .939876730E-01 .107357907E+00

.109372674E+00 .115895658E+00 .116641473E+00 .116025654E+00  
.115159905E+00  
.105893121E+00 .994264083E-01 .943853125E-01 .902532601E-01 .867785163E-01  
.838090447E-01 .812403817E-01 .789957213E-01 .770164355E-01 .752566646E-01  
.215496759E-02 .320001198E-02 .434248653E-02 .394086278E-02 .359106699E-02  
.326304638E-02 .295476886E-02 .266933652E-02 .241075474E-02 .218338495E-02  
.199198305E-02 .184175114E-02 .173833220E-02 .168775935E-02 .169637570E-02  
.177073620E-02 .191749999E-02 .214332195E-02 .245475201E-02 .285815039E-02  
.335962602E-02 .396500350E-02 .467982075E-02 .550935654E-02 .645868586E-02  
.753275998E-02 .873650729E-02 .100749516E-01 .115533455E-01 .131773198E-01  
.149530502E-01 .168874485E-01 .189883841E-01 .212649509E-01 .237277934E-01  
.263895170E-01 .292652151E-01 .323731603E-01 .357357308E-01 .393806751E-01  
.433428788E-01 .476668883E-01 .524105996E-01 .576507943E-01 .634916819E-01  
.700785596E-01 .776209420E-01 .864365234E-01 .970557236E-01 .110559870E+00  
.113380957E+00 .119812118E+00 .120643765E+00 .119817808E+00  
.118284353E+00  
.108730614E+00 .101605372E+00 .959887391E-01 .914224189E-01 .876286664E-01  
.844223755E-01 .816738325E-01 .792889943E-01 .771977549E-01 .753465410E-01  
.211708896E-02 .311077559E-02 .412693480E-02 .387444094E-02 .357548029E-02  
.328574860E-02 .301884132E-02 .277924196E-02 .256986979E-02 .239386968E-02  
.225500481E-02 .215768101E-02 .210686864E-02 .210799728E-02 .216684507E-02  
.228942949E-02 .248190245E-02 .275045281E-02 .310122026E-02 .354022503E-02  
.407331754E-02 .470615134E-02 .544418094E-02 .629268448E-02 .725681015E-02  
.834164461E-02 .955230105E-02 .108940253E-01 .123723194E-01 .139930826E-01  
.157627750E-01 .176886061E-01 .197787604E-01 .220426683E-01 .244913441E-01  
.271378115E-01 .299976549E-01 .330897460E-01 .364372232E-01 .400688380E-01  
.440208470E-01 .483397279E-01 .530861581E-01 .583409178E-01 .642135930E-01  
.708545696E-01 .784669610E-01 .872946827E-01 .974668627E-01 .108140327E+00  
.113375871E+00 .118291496E+00 .119726520E+00 .118976862E+00  
.116241256E+00  
.109000372E+00 .102171105E+00 .964595918E-01 .917525485E-01 .878365765E-01  
.845320771E-01 .817046268E-01 .792552119E-01 .771100152E-01 .752128654E-01  
.204828750E-02 .306488651E-02 .419010436E-02 .381955768E-02 .351757015E-02  
.325749661E-02 .303235907E-02 .284004653E-02 .268066907E-02 .255588829E-02  
.246855658E-02 .242243934E-02 .242199363E-02 .247219193E-02 .257837909E-02  
.274615259E-02 .298125988E-02 .328951005E-02 .367669956E-02 .414855370E-02  
.471068547E-02 .536857394E-02 .612756312E-02 .699288152E-02 .796968201E-02  
.906310095E-02 .102783355E-01 .116207384E-01 .130959305E-01 .147099317E-01  
.164693142E-01 .183813829E-01 .204543904E-01 .226977988E-01 .251226034E-01  
.277417417E-01 .305706194E-01 .336278007E-01 .369359305E-01 .405229923E-01  
.444240586E-01 .486837815E-01 .533600231E-01 .585292927E-01 .642951696E-01  
.708020009E-01 .782591627E-01 .869914477E-01 .975737686E-01 .111306298E+00  
.113783167E+00 .120308286E+00 .120999978E+00 .120091765E+00  
.118618740E+00  
.108741053E+00 .101516111E+00 .958418104E-01 .912230549E-01 .873765104E-01  
.841174840E-01 .813173452E-01 .788828689E-01 .767444589E-01 .748488252E-01  
.193979266E-02 .291024016E-02 .398798343E-02 .365351811E-02 .338614867E-02  
.316978843E-02 .299389238E-02 .285313183E-02 .274585277E-02 .267282466E-02  
.263641395E-02 .264006135E-02 .268794710E-02 .278476748E-02 .293557666E-02  
.314566751E-02 .342047709E-02 .376550982E-02 .418627547E-02 .468824157E-02  
.527680088E-02 .595725489E-02 .673481426E-02 .761461632E-02 .860175968E-02  
.970135552E-02 .109185951E-01 .122588335E-01 .137276893E-01 .153311631E-01  
.170757758E-01 .189687324E-01 .210181170E-01 .232331286E-01 .256243710E-01  
.282042134E-01 .309872474E-01 .339908759E-01 .372360804E-01 .407484398E-01































.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
-.303045232E+06 -.571936452E+06 -.680334374E+06 -.700680998E+06  
-.678251327E+06  
-.638124049E+06 -.593128830E+06 -.549353263E+06 -.509380047E+06  
-.474050240E+06  
-.443384620E+06 -.417051710E+06 -.394599024E+06 -.375562917E+06  
-.359517193E+06  
-.346091445E+06 -.334974976E+06 -.325914319E+06 -.318708313E+06  
-.313202613E+06  
-.309284289E+06 -.306876355E+06 -.305931134E+06 -.306419721E+06  
-.308311335E+06  
-.311528450E+06 -.315844665E+06 -.320645483E+06 -.324351704E+06  
-.322984590E+06  
-.306480735E+06 -.249048941E+06 -.846813543E+05 -.101660563E-43 -.900773882E-44  
-.587176879E-44 -.366311926E-44 -.302615680E-44 -.169377636E-44 -.204688681E-47  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
-.436208112E+06 -.646781593E+06 -.717257087E+06 -.715372559E+06  
-.680699784E+06  
-.634156640E+06 -.585991544E+06 -.540800886E+06 -.500334591E+06  
-.464976325E+06  
-.434497964E+06 -.408433606E+06 -.386258874E+06 -.367472240E+06  
-.351627946E+06  
-.338345700E+06 -.327309805E+06 -.318264020E+06 -.311005221E+06  
-.305377251E+06  
-.301265523E+06 -.298592352E+06 -.297312521E+06 -.297407728E+06  
-.298876864E+06  
-.301715138E+06 -.305865773E+06 -.311105201E+06 -.316764556E+06  
-.321036082E+06  
-.319189650E+06 -.298837595E+06 -.227159894E+06 -.179765930E+05 -.993181980E-44  
-.839194342E-44 -.417775251E-44 -.353095702E-44 -.272499773E-44 -.101837595E-44  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-155236846E+06  
-538051679E+06 -701262693E+06 -742280035E+06 -723600955E+06  
-679898800E+06  
-628761871E+06 -578436313E+06 -532380562E+06 -491715485E+06  
-456482076E+06  
-426267414E+06 -400507018E+06 -378624759E+06 -360092629E+06  
-344451833E+06  
-331315979E+06 -320366604E+06 -311346019E+06 -304049848E+06  
-298320292E+06  
-294040505E+06 -291130145E+06 -289541827E+06 -289257833E+06  
-290285578E+06  
-292648329E+06 -296363069E+06 -301386005E+06 -307477479E+06  
-313862574E+06  
-318357023E+06 -315041909E+06 -287884588E+06 -193133800E+06 -246983184E-  
42  
-958545079E-44 -740716442E-44 -379869539E-44 -332815216E-44 -225098253E-  
44  
-917287670E-46 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-289104271E+06  
-616220073E+06 -741106046E+06 -759065294E+06 -727554097E+06  
-677112805E+06  
-622655867E+06 -570859965E+06 -524303563E+06 -483625385E+06  
-448605782E+06  
-418692508E+06 -393247688E+06 -371657432E+06 -353375049E+06  
-337933099E+06  
-324941609E+06 -314080843E+06 -305092615E+06 -297771941E+06  
-291959788E+06  
-287537182E+06 -284420682E+06 -282559104E+06 -281931166E+06  
-282543308E+06  
-284425973E+06 -287624252E+06 -292173027E+06 -298032201E+06  
-304919711E+06  
-311877203E+06 -316112230E+06 -309808740E+06 -271088982E+06  
-138589028E+06  
-101181250E-43 -902618294E-44 -574808795E-44 -366842962E-44 -300386491E-  
44  
-148184853E-44 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-.396382413E+06  
-.676581347E+06 -.770387719E+06 -.770133234E+06 -.728699913E+06  
-.673167041E+06  
-.616288500E+06 -.563496800E+06 -.516680714E+06 -.476104060E+06  
-.441345956E+06  
-.411747508E+06 -.386615374E+06 -.365307718E+06 -.347264545E+06  
-.332012729E+06  
-.319160375E+06 -.308387460E+06 -.299435956E+06 -.292100788E+06  
-.286222152E+06  
-.281679342E+06 -.278386047E+06 -.276287051E+06 -.275356148E+06  
-.275594940E+06  
-.277031673E+06 -.279718074E+06 -.283719167E+06 -.289083520E+06  
-.295761887E+06  
-.303389787E+06 -.310702120E+06 -.313915303E+06 -.302099280E+06  
-.243586627E+06  
-.469935832E+05 -.979133601E-44 -.805682558E-44 -.384725257E-44 -.345422037E-44  
-.246356239E-44 -.186491782E-45 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-.483070161E+06  
-.723605902E+06 -.792018535E+06 -.777223715E+06 -.728024392E+06  
-.668597826E+06  
-.609937496E+06 -.556478158E+06 -.509560899E+06 -.469153941E+06  
-.434678795E+06  
-.405393729E+06 -.380562853E+06 -.359523355E+06 -.341705672E+06  
-.326632988E+06  
-.313912563E+06 -.303224718E+06 -.294312022E+06 -.286969697E+06  
-.281037590E+06  
-.276393733E+06 -.272949434E+06 -.270645808E+06 -.269451667E+06  
-.269362598E+06  
-.270400859E+06 -.272615117E+06 -.276077476E+06 -.280871329E+06  
-.287053291E+06  
-.294545063E+06 -.302834578E+06 -.310142186E+06 -.311024753E+06  
-.289241149E+06  
-.196142595E+06 -.169683072E-42 -.924706125E-44 -.627262206E-44 -.371374877E-44  
-.308394557E-44 -.152539789E-44 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.506266860E+05  
-.553949667E+06  
-.760610487E+06 -.808072462E+06 -.781541488E+06 -.726190825E+06  
-.663751518E+06  
-.603769602E+06 -.549870667E+06 -.502955458E+06 -.462756066E+06  
-.428568875E+06  
-.399586899E+06 -.375041135E+06 -.354252800E+06 -.336645376E+06  
-.321739693E+06  
-.309142862E+06 -.298535931E+06 -.289662341E+06 -.282317894E+06  
-.276342439E+06  
-.271613195E+06 -.268039633E+06 -.265559800E+06 -.264138022E+06  
-.263763941E+06  
-.264452720E+06 -.266246006E+06 -.269212412E+06 -.273444190E+06  
-.279041300E+06  
-.286059401E+06 -.294357626E+06 -.303163806E+06 -.309814755E+06  
-.305981787E+06  
-.265962744E+06 -.110397567E+06 -.982056494E-44 -.819008927E-44 -.385249647E-44  
-.346913436E-44 -.241604214E-44 -.132402531E-45 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.150532584E+06  
-.612389553E+06  
-.789988810E+06 -.820025003E+06 -.783924481E+06 -.723646264E+06  
-.658849630E+06  
-.597880315E+06 -.543700784E+06 -.496853635E+06 -.456879999E+06  
-.422975644E+06  
-.394281489E+06 -.370002395E+06 -.349447240E+06 -.332034388E+06  
-.317283214E+06  
-.304801098E+06 -.294270039E+06 -.285434508E+06 -.278091082E+06  
-.272079883E+06  
-.267277715E+06 -.263592734E+06 -.260960558E+06 -.259341734E+06  
-.258720560E+06  
-.259105242E+06 -.260529236E+06 -.263053238E+06 -.266766185E+06  
-.271780651E+06  
-.278210064E+06 -.286093027E+06 -.295166174E+06 -.304193195E+06  
-.308939941E+06  
-.295829359E+06 -.221450825E+06 -.389858596E-42 -.922385578E-44 -.603612185E-44  
-.370056341E-44 -.300488802E-44 -.116179582E-44 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 -.235505945E+06  
-.660722295E+06  
-.813472253E+06 -.828933560E+06 -.784959704E+06 -.720692543E+06  
-.654031580E+06  
-.592319648E+06 -.537970504E+06 -.491232288E+06 -.451489927E+06  
-.417857292E+06  
-.389433180E+06 -.365401537E+06 -.345061561E+06 -.327827797E+06  
-.313218755E+06  
-.300842335E+06 -.290381585E+06 -.281582089E+06 -.274241317E+06  
-.268199875E+06  
-.263334476E+06 -.259552428E+06 -.256787526E+06 -.254997270E+06  
-.254161415E+06  
-.254281886E+06 -.255384081E+06 -.257519371E+06 -.260768083E+06  
-.265240595E+06  
-.271069835E+06 -.278376200E+06 -.287150648E+06 -.296895299E+06  
-.305522847E+06  
-.305884975E+06 -.274379225E+06 -.133042786E+06 -.974784314E-44 -.791796518E-44  
-.383078253E-44 -.338887092E-44 -.209574567E-44 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.307686538E+06  
-.700850601E+06  
-.832361564E+06 -.835567619E+06 -.785061840E+06 -.717533367E+06  
-.649382679E+06  
-.587108801E+06 -.532667361E+06 -.486061961E+06 -.446548358E+06  
-.413172999E+06  
-.385000197E+06 -.361196933E+06 -.341054697E+06 -.323985133E+06  
-.309506267E+06  
-.297226645E+06 -.286830392E+06 -.278064223E+06 -.270726567E+06  
-.264658669E+06  
-.259737410E+06 -.255869645E+06 -.252987887E+06 -.251047282E+06  
-.250023860E+06  
-.249914140E+06 -.250736171E+06 -.252532038E+06 -.255371586E+06  
-.259356246E+06  
-.264619441E+06 -.271313199E+06 -.279550748E+06 -.289215345E+06  
-.299357208E+06  
-.306271573E+06 -.297139641E+06 -.228190432E+06 -.383347463E-42 -.899222719E-44  
-.498981124E-44 -.363294998E-44 -.274518060E-44 -.281248926E-45  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.369145859E+06  
-.734335104E+06

-.847651911E+06 -.840494100E+06 -.784525724E+06 -.714305515E+06  
-.644952476E+06  
-.582250928E+06 -.527770780E+06 -.481310619E+06 -.442018302E+06  
-.408884160E+06  
-.380943942E+06 -.357350687E+06 -.337389641E+06 -.320470204E+06  
-.306110155E+06  
-.293918729E+06 -.283581105E+06 -.274845106E+06 -.267510147E+06  
-.261418212E+06  
-.256446558E+06 -.252501911E+06 -.249515969E+06 -.247442141E+06  
-.246253507E+06  
-.245942075E+06 -.246519474E+06 -.248019197E+06 -.250500421E+06  
-.254052968E+06  
-.258801669E+06 -.264904499E+06 -.272527637E+06 -.281746632E+06  
-.292216224E+06  
-.302096716E+06 -.304476531E+06 -.274933502E+06 -.127343426E+06 -.957739294E-  
44  
-.717271439E-44 -.378057906E-44 -.319160150E-44 -.139482178E-44  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.421687288E+06  
-.762438747E+06  
-.860109850E+06 -.844134090E+06 -.783561716E+06 -.711099732E+06  
-.640766865E+06  
-.577738115E+06 -.523256061E+06 -.476945903E+06 -.437864497E+06  
-.404954997E+06  
-.377229225E+06 -.353828610E+06 -.334033266E+06 -.317250806E+06  
-.302998905E+06  
-.290887478E+06 -.280602698E+06 -.271893446E+06 -.264560118E+06  
-.258445500E+06  
-.253427379E+06 -.249412615E+06 -.246332485E+06 -.244139201E+06  
-.242803582E+06  
-.242313979E+06 -.242676565E+06 -.243917199E+06 -.246084998E+06  
-.249257586E+06  
-.253547246E+06 -.259105051E+06 -.266113618E+06 -.274739572E+06  
-.284955481E+06  
-.295938270E+06 -.304040239E+06 -.295688733E+06 -.221496170E+06 -.170070562E-  
42  
-.849187013E-44 -.386119952E-44 -.349207773E-44 -.222426609E-44  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.466824678E+06  
-.786174551E+06  
-.870327834E+06 -.846802082E+06 -.782320014E+06 -.707974934E+06  
-.636836175E+06

-.573555917E+06 -.519096892E+06 -.472936454E+06 -.434054049E+06  
-.401352785E+06  
-.373824236E+06 -.350600048E+06 -.330956041E+06 -.314298373E+06  
-.300144684E+06  
-.288105526E+06 -.277867986E+06 -.269181934E+06 -.261848717E+06  
-.255711955E+06  
-.250650077E+06 -.246570286E+06 -.243403764E+06 -.241101981E+06  
-.239634110E+06  
-.238985611E+06 -.239158129E+06 -.240170908E+06 -.242063962E+06  
-.244903142E+06  
-.248786902E+06 -.253853354E+06 -.260282533E+06 -.268277456E+06  
-.277971903E+06  
-.289095457E+06 -.299817375E+06 -.302673916E+06 -.269556506E+06  
-.949495919E+05  
-.926240736E-44 -.572325112E-44 -.368686416E-44 -.282118764E-44 -.286276054E-  
45  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.505811338E+06  
-.806352436E+06  
-.878765197E+06 -.848733946E+06 -.780907679E+06 -.704968002E+06  
-.633160640E+06  
-.569686332E+06 -.515266888E+06 -.469252659E+06 -.430556709E+06  
-.398047866E+06  
-.370700406E+06 -.347637634E+06 -.328131726E+06 -.311587619E+06  
-.297522944E+06  
-.285548823E+06 -.275353168E+06 -.266686754E+06 -.259351832E+06  
-.253192863E+06  
-.248088991E+06 -.243947927E+06 -.240701019E+06 -.238299384E+06  
-.236711074E+06  
-.235919344E+06 -.235922155E+06 -.236733137E+06 -.238384269E+06  
-.240930531E+06  
-.244456635E+06 -.249085295E+06 -.254984395E+06 -.262363875E+06  
-.271432233E+06  
-.282213943E+06 -.293891549E+06 -.302461016E+06 -.292055382E+06  
-.201421496E+06  
-.968068215E-44 -.757956171E-44 -.380455077E-44 -.324104057E-44 -.130888250E-  
44  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.539680953E+06  
-.823620447E+06  
-.885779416E+06 -.850107228E+06 -.779400716E+06 -.702100623E+06  
-.629734120E+06  
-.566109743E+06 -.511740544E+06 -.465867030E+06 -.427344937E+06  
-.395013529E+06

-.367832176E+06 -.344917004E+06 -.325537049E+06 -.309096191E+06  
-.295112053E+06  
-.283196251E+06 -.273037418E+06 -.264387149E+06 -.257048535E+06  
-.250866865E+06  
-.245722045E+06 -.241522412E+06 -.238199694E+06 -.235704973E+06  
-.234005633E+06  
-.233083319E+06 -.232933073E+06 -.233563839E+06 -.235000631E+06  
-.237288652E+06  
-.240499647E+06 -.244740420E+06 -.250162303E+06 -.256966571E+06  
-.265388526E+06  
-.275602597E+06 -.287351802E+06 -.298597163E+06 -.300498778E+06  
-.257833892E+06  
-.305915144E+05 -.871685229E-44 -.386592956E-44 -.352611610E-44 -.220048107E-44  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.569288093E+06  
-.838498935E+06  
-.891649914E+06 -.851056019E+06 -.777852756E+06 -.699384100E+06  
-.626546657E+06  
-.562806191E+06 -.508493783E+06 -.462754359E+06 -.424393843E+06  
-.392225832E+06  
-.365196759E+06 -.342416515E+06 -.323151396E+06 -.306804348E+06  
-.292892961E+06  
-.281029265E+06 -.270902514E+06 -.262265025E+06 -.254920664E+06  
-.248715515E+06  
-.243530266E+06 -.239273966E+06 -.235878885E+06 -.233296339E+06  
-.231493418E+06  
-.230450679E+06 -.230160917E+06 -.230629241E+06 -.231874718E+06  
-.233933916E+06  
-.236866702E+06 -.240764474E+06 -.245760451E+06 -.252039407E+06  
-.259837135E+06  
-.269395992E+06 -.280761152E+06 -.293006175E+06 -.301332662E+06  
-.285766112E+06  
-.165168485E+06 -.937689613E-44 -.605894290E-44 -.370913412E-44 -.283911586E-44  
-.258109683E-45 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.595344716E+06  
-.851407871E+06  
-.896596079E+06 -.851681907E+06 -.776301323E+06 -.696822786E+06  
-.623586243E+06  
-.559756202E+06 -.505504262E+06 -.459891746E+06 -.421681058E+06  
-.389663390E+06  
-.362773882E+06 -.340116967E+06 -.320956527E+06 -.304694660E+06  
-.290848894E+06



-.279031585E+06 -.268932512E+06 -.260304618E+06 -.252952467E+06  
-.246722894E+06  
-.241497369E+06 -.237185706E+06 -.233720845E+06 -.231054544E+06  
-.229153920E+06  
-.227998882E+06 -.227580575E+06 -.227901035E+06 -.228974326E+06  
-.230829504E+06  
-.233515762E+06 -.237110119E+06 -.241727669E+06 -.247533233E+06  
-.254749071E+06  
-.263639205E+06 -.274402659E+06 -.286734642E+06 -.298154231E+06  
-.297495627E+06  
-.238286935E+06 -.216568877E-42 -.784490882E-44 -.381558362E-44 -.327906159E-44  
-.128123988E-44 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.618451960E+06  
-.862687821E+06  
-.900790747E+06 -.852062100E+06 -.774772443E+06 -.694416531E+06  
-.620840027E+06  
-.556941301E+06 -.502751516E+06 -.457258530E+06 -.419186563E+06  
-.387307156E+06  
-.360545543E+06 -.338001349E+06 -.318936314E+06 -.302751747E+06  
-.288965082E+06  
-.277188921E+06 -.267113465E+06 -.258492192E+06 -.251130286E+06  
-.244875276E+06  
-.239609395E+06 -.235243253E+06 -.231710549E+06 -.228963648E+06  
-.226969956E+06  
-.225709114E+06 -.225171132E+06 -.225355651E+06 -.226272601E+06  
-.227944582E+06  
-.230411346E+06 -.233736793E+06 -.238018729E+06 -.243401044E+06  
-.250085518E+06  
-.258332212E+06 -.268408839E+06 -.280347832E+06 -.292987581E+06  
-.300234768E+06  
-.275853031E+06 -.109010112E+06 -.890627275E-44 -.386557444E-44 -.356639123E-44  
-.228031227E-44 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.639124925E+06  
-.872614305E+06  
-.904370055E+06 -.852255502E+06 -.773284044E+06 -.692162449E+06  
-.618295148E+06  
-.554344330E+06 -.500216990E+06 -.454836187E+06 -.416892509E+06  
-.385140205E+06  
-.358495778E+06 -.336054605E+06 -.317076500E+06 -.300962041E+06  
-.287228525E+06  
-.275488724E+06 -.265433172E+06 -.256815784E+06 -.249442283E+06  
-.243160835E+06

-.237854402E+06 -.233434393E+06 -.229835326E+06 -.227010301E+06  
-.224927224E+06  
-.223565783E+06 -.222915302E+06 -.222973627E+06 -.223747337E+06  
-.225253562E+06  
-.227523811E+06 -.230610213E+06 -.234594565E+06 -.239600239E+06  
-.245805685E+06  
-.253453402E+06 -.262831393E+06 -.274144313E+06 -.286969766E+06  
-.298118316E+06  
-.292994481E+06 -.208989436E+06 -.948925059E-44 -.661294082E-44 -.373979626E-44  
-.295487176E-44 -.312478013E-45 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.294788631E+05 -.657790724E+06  
-.881403435E+06  
-.907440452E+06 -.852307329E+06 -.771848498E+06 -.690056182E+06  
-.615939278E+06  
-.551949607E+06 -.497884002E+06 -.452608185E+06 -.414783032E+06  
-.383147526E+06  
-.356610453E+06 -.334263417E+06 -.315364496E+06 -.299313575E+06  
-.285627782E+06  
-.273919984E+06 -.263880959E+06 -.255264977E+06 -.247878214E+06  
-.241569404E+06  
-.236222195E+06 -.231748787E+06 -.228084545E+06 -.225183394E+06  
-.223013906E+06  
-.221556083E+06 -.220798940E+06 -.220739060E+06 -.221380369E+06  
-.222735437E+06  
-.224828662E+06 -.227701763E+06 -.231422000E+06 -.236093414E+06  
-.241870640E+06  
-.248972073E+06 -.257679207E+06 -.268273772E+06 -.280735286E+06  
-.293521370E+06  
-.298671383E+06 -.261216210E+06 -.295724248E+05 -.826986637E-44 -.383071377E-44  
-.338725590E-44 -.164470272E-44 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.598000612E+05 -.674638363E+06  
-.889207547E+06  
-.910084128E+06 -.852252659E+06 -.770474433E+06 -.688092728E+06  
-.613760936E+06  
-.549742969E+06 -.495737653E+06 -.450559832E+06 -.412844069E+06  
-.381315830E+06  
-.354877065E+06 -.332616014E+06 -.313789184E+06 -.297795799E+06  
-.284152785E+06  
-.272473037E+06 -.262447498E+06 -.253830706E+06 -.246429213E+06  
-.240092252E+06  
-.234704101E+06 -.230177721E+06 -.226449336E+06 -.223473756E+06  
-.221220345E+06

-.219669627E+06 -.218810634E+06 -.218639143E+06 -.219157056E+06  
-.220373203E+06  
-.222305931E+06 -.224987865E+06 -.228473278E+06 -.232848456E+06  
-.238245076E+06  
-.244855023E+06 -.252939252E+06 -.262802539E+06 -.274630712E+06  
-.287800585E+06  
-.298110203E+06 -.286314525E+06 -.168526470E+06 -.918186284E-44 -.513959838E-44  
-.364611880E-44 -.261091509E-44 -.648596729E-46 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.873920490E+05 -.689809172E+06  
-.896143263E+06  
-.912365910E+06 -.852119084E+06 -.769167920E+06 -.686266933E+06  
-.611749627E+06  
-.547711737E+06 -.493764698E+06 -.448678111E+06 -.411063176E+06  
-.379633370E+06  
-.353284567E+06 -.331102003E+06 -.312340755E+06 -.296399416E+06  
-.282794678E+06  
-.271139406E+06 -.261124636E+06 -.252505093E+06 -.245087628E+06  
-.238721900E+06  
-.233292760E+06 -.228713890E+06 -.224922361E+06 -.221873898E+06  
-.219538747E+06  
-.217898124E+06 -.216941343E+06 -.216663769E+06 -.217065827E+06  
-.218153357E+06  
-.219939628E+06 -.222449419E+06 -.225725549E+06 -.229838307E+06  
-.234898000E+06  
-.241069997E+06 -.248588227E+06 -.257750879E+06 -.268837924E+06  
-.281725417E+06  
-.294319624E+06 -.296167632E+06 -.241166232E+06 -.191028136E-42 -.754638595E-44  
-.378545811E-44 -.320566625E-44 -.110392148E-44 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.112380399E+06 -.703440701E+06  
-.902307550E+06  
-.914338386E+06 -.851928566E+06 -.767933182E+06 -.684573729E+06  
-.609895854E+06  
-.545844617E+06 -.491953407E+06 -.446951515E+06 -.409429364E+06  
-.378089772E+06  
-.351823208E+06 -.329712212E+06 -.311010559E+06 -.295116235E+06  
-.281545675E+06  
-.269911662E+06 -.259905253E+06 -.251281294E+06 -.243846860E+06  
-.237451963E+06  
-.231981963E+06 -.227351213E+06 -.223497604E+06 -.220377786E+06  
-.217962942E+06  
-.216235105E+06 -.215184089E+06 -.214805177E+06 -.215097802E+06  
-.216065470E+06

-.217717266E+06 -.220071281E+06 -.223160363E+06 -.227040600E+06  
-.231802883E+06  
-.237587401E+06 -.244599000E+06 -.253114067E+06 -.263443702E+06  
-.275722500E+06  
-.289024074E+06 -.297786792E+06 -.276855467E+06 -.116567023E+06 -.883925980E-  
44  
-.384555483E-44 -.355146195E-44 -.233588148E-44 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.134935679E+06 -.715665741E+06  
-.907783975E+06  
-.916045079E+06 -.851698725E+06 -.766773064E+06 -.683008237E+06  
-.608191068E+06  
-.544131581E+06 -.490293409E+06 -.445369890E+06 -.407932940E+06  
-.376675890E+06  
-.350484388E+06 -.328438555E+06 -.309790974E+06 -.293939052E+06  
-.280398940E+06  
-.268783295E+06 -.258783142E+06 -.250153377E+06 -.242701230E+06  
-.236277000E+06  
-.230766489E+06 -.226084663E+06 -.222170195E+06 -.218980643E+06  
-.216488158E+06  
-.214675679E+06 -.213533686E+06 -.213057658E+06 -.213246444E+06  
-.214101805E+06  
-.215629439E+06 -.217841820E+06 -.220763212E+06 -.224437266E+06  
-.228937542E+06  
-.234381105E+06 -.240944174E+06 -.248874588E+06 -.258480453E+06  
-.270018588E+06  
-.283196168E+06 -.295158167E+06 -.292240051E+06 -.214734509E+06 -.947900537E-  
44  
-.685584669E-44 -.373675177E-44 -.306027297E-44 -.794709374E-45  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.155236207E+06 -.726608222E+06  
-.912645280E+06  
-.917522416E+06 -.851443760E+06 -.765689355E+06 -.681565818E+06  
-.606627585E+06  
-.542563735E+06 -.488775548E+06 -.443924284E+06 -.406565363E+06  
-.375383665E+06  
-.349260531E+06 -.327273911E+06 -.308675293E+06 -.292861528E+06  
-.279348471E+06  
-.267748612E+06 -.257752892E+06 -.249116203E+06 -.241645866E+06  
-.235192400E+06  
-.229641982E+06 -.224910131E+06 -.220936249E+06 -.217678775E+06  
-.215110831E+06  
-.213216315E+06 -.211986499E+06 -.211417278E+06 -.211507266E+06  
-.212256984E+06  
-.213669457E+06 -.215752507E+06 -.218523105E+06 -.222014133E+06  
-.226283914E+06

-.231428750E+06 -.237598070E+06 -.245009282E+06 -.253950245E+06  
-.264724342E+06  
-.277371431E+06 -.290525310E+06 -.296809856E+06 -.263575066E+06  
-.503583883E+05  
-.850522628E-44 -.382188092E-44 -.346912507E-44 -.217303508E-44  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.173453695E+06 -.736380987E+06  
-.916954802E+06  
-.918801052E+06 -.851175133E+06 -.764683038E+06 -.680242089E+06  
-.605198506E+06  
-.541133195E+06 -.487391751E+06 -.442606818E+06 -.405319121E+06  
-.374206007E+06  
-.348144973E+06 -.326212015E+06 -.307657618E+06 -.291878100E+06  
-.278389008E+06  
-.266802637E+06 -.256809801E+06 -.248165336E+06 -.240676599E+06  
-.234194267E+06  
-.228604829E+06 -.223824293E+06 -.219792729E+06 -.216469415E+06  
-.213828427E+06  
-.211854645E+06 -.210540220E+06 -.209881635E+06 -.209877549E+06  
-.210527681E+06  
-.211833002E+06 -.213797553E+06 -.216432181E+06 -.219760553E+06  
-.223827761E+06  
-.228711789E+06 -.234537783E+06 -.241493536E+06 -.249839121E+06  
-.259883838E+06  
-.271832034E+06 -.285128607E+06 -.295849037E+06 -.286049511E+06  
-.178823031E+06  
-.931846619E-44 -.625430071E-44 -.368680058E-44 -.295972528E-44 -.699859904E-  
45  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.189747316E+06 -.745085091E+06  
-.920767537E+06  
-.919906852E+06 -.850902105E+06 -.763754488E+06 -.679032940E+06  
-.603897647E+06  
-.539832981E+06 -.486134899E+06 -.441410561E+06 -.404187611E+06  
-.373136688E+06  
-.347131861E+06 -.325247366E+06 -.306732773E+06 -.290983890E+06  
-.277515952E+06  
-.265941031E+06 -.255949785E+06 -.247296951E+06 -.239789873E+06  
-.233279330E+06  
-.227652061E+06 -.222824497E+06 -.218737317E+06 -.215350581E+06  
-.212639284E+06  
-.210589289E+06 -.209193673E+06 -.208449629E+06 -.208356092E+06  
-.208912336E+06  
-.210117821E+06 -.211973564E+06 -.214485344E+06 -.217669033E+06  
-.221558360E+06  
-.226215377E+06 -.231743707E+06 -.238303750E+06 -.246125721E+06  
-.255504294E+06

-.266715719E+06 -.279639623E+06 -.292250984E+06 -.294598568E+06  
-.243864386E+06  
-.277182283E-42 -.817420512E-44 -.379199681E-44 -.339886197E-44 -.208000508E-44  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.204261400E+06 -.752810000E+06  
-.924131075E+06  
-.920861650E+06 -.850632156E+06 -.762903639E+06 -.677934550E+06  
-.602719473E+06  
-.538656921E+06 -.484998733E+06 -.440329431E+06 -.403165043E+06  
-.372170249E+06  
-.346216064E+06 -.324375146E+06 -.305896227E+06 -.290174633E+06  
-.276725285E+06  
-.265160021E+06 -.255169311E+06 -.246507764E+06 -.238982667E+06  
-.232444853E+06  
-.226781256E+06 -.221908665E+06 -.217768304E+06 -.214320951E+06  
-.211542472E+06  
-.209419686E+06 -.207946617E+06 -.207121251E+06 -.206942966E+06  
-.207410888E+06  
-.208523417E+06 -.210279212E+06 -.212679912E+06 -.215734870E+06  
-.219468168E+06  
-.223928165E+06 -.229199724E+06 -.235418721E+06 -.242786394E+06  
-.251573624E+06  
-.262078832E+06 -.274407839E+06 -.287583632E+06 -.296051280E+06  
-.275556172E+06  
-.124924899E+06 -.912980242E-44 -.563829579E-44 -.363581618E-44 -.286545113E-44  
-.658974457E-45 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.217124878E+06 -.759634205E+06  
-.927086430E+06  
-.921683862E+06 -.850371320E+06 -.762130110E+06 -.676943393E+06  
-.601659048E+06  
-.537599572E+06 -.483977758E+06 -.439358100E+06 -.402246351E+06  
-.371301916E+06  
-.345393097E+06 -.323591143E+06 -.305144022E+06 -.289446609E+06  
-.276013515E+06  
-.264456332E+06 -.254465331E+06 -.245794961E+06 -.238252426E+06  
-.231688568E+06  
-.225990463E+06 -.221075202E+06 -.216884485E+06 -.213379744E+06  
-.210537652E+06  
-.208345943E+06 -.206799577E+06 -.205897376E+06 -.205639285E+06  
-.206024509E+06  
-.207050763E+06 -.208714911E+06 -.211015267E+06 -.213955794E+06  
-.217552469E+06  
-.221842014E+06 -.226893168E+06 -.232820339E+06 -.239798174E+06  
-.248070884E+06  
-.257933517E+06 -.269603320E+06 -.282681744E+06 -.294062467E+06  
-.289671193E+06

-.210883140E+06 -.957522724E-44 -.775142689E-44 -.375613085E-44 -.331056116E-44  
-.195538991E-44 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.228451578E+06 -.765626035E+06  
-.929668801E+06  
-.922389001E+06 -.850124459E+06 -.761433319E+06 -.676056249E+06  
-.600711991E+06  
-.536656149E+06 -.483067166E+06 -.438491920E+06 -.401427121E+06  
-.370527530E+06  
-.344659056E+06 -.322891693E+06 -.304472719E+06 -.288796588E+06  
-.275377611E+06  
-.263827137E+06 -.253835222E+06 -.245156146E+06 -.237596999E+06  
-.231008602E+06  
-.225278128E+06 -.220322914E+06 -.216085071E+06 -.212526614E+06  
-.209624957E+06  
-.207368688E+06 -.205753671E+06 -.204779573E+06 -.204446981E+06  
-.204755350E+06  
-.205702007E+06 -.207282497E+06 -.209492501E+06 -.212331587E+06  
-.215808993E+06  
-.219951655E+06 -.224814627E+06 -.230493853E+06 -.237140413E+06  
-.244972345E+06  
-.254269296E+06 -.265297558E+06 -.277976765E+06 -.290584519E+06  
-.294735405E+06  
-.255295017E+06 -.301281055E+05 -.883884930E-44 -.471070078E-44 -.356008447E-44  
-.271151718E-44 -.466436429E-45 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.238340939E+06 -.770844509E+06  
-.931908237E+06  
-.922990087E+06 -.849895484E+06 -.760812562E+06 -.675270210E+06  
-.599874440E+06  
-.535822473E+06 -.482262777E+06 -.437726855E+06 -.400703524E+06  
-.369843490E+06  
-.344010560E+06 -.322273623E+06 -.303879340E+06 -.288221779E+06  
-.274814964E+06  
-.263270006E+06 -.253276748E+06 -.244589288E+06 -.237014589E+06  
-.230403425E+06  
-.224643029E+06 -.219650933E+06 -.215369599E+06 -.211761554E+06  
-.208804874E+06  
-.206488936E+06 -.204810452E+06 -.203769913E+06 -.203368585E+06  
-.203606287E+06  
-.204480192E+06 -.205984905E+06 -.208114066E+06 -.210863700E+06  
-.214237511E+06  
-.218254297E+06 -.222957634E+06 -.228427818E+06 -.234795571E+06  
-.242254929E+06  
-.251065547E+06 -.261509608E+06 -.273679800E+06 -.286647234E+06  
-.295281647E+06  
-.277788421E+06 -.146193720E+06 -.938582108E-44 -.701651669E-44 -.369687226E-44

-.315706750E-44 -.166813805E-44 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.246878897E+06 -.775340169E+06  
-.933830216E+06  
-.923498004E+06 -.849687525E+06 -.760267084E+06 -.674582682E+06  
-.599143016E+06  
-.535094917E+06 -.481560976E+06 -.437059425E+06 -.400072265E+06  
-.369246694E+06  
-.343444701E+06 -.321734208E+06 -.303361331E+06 -.287719787E+06  
-.274323338E+06  
-.262782866E+06 -.252788005E+06 -.244092676E+06 -.236503704E+06  
-.229871798E+06  
-.224084221E+06 -.219058658E+06 -.214737862E+06 -.211084803E+06  
-.208078144E+06  
-.205707964E+06 -.203971759E+06 -.202870797E+06 -.202407022E+06  
-.202580684E+06  
-.203388969E+06 -.204825848E+06 -.206883409E+06 -.209554862E+06  
-.212839420E+06  
-.216749200E+06 -.221318267E+06 -.226613855E+06 -.232749453E+06  
-.239898021E+06  
-.248298626E+06 -.258232543E+06 -.269884554E+06 -.282787047E+06  
-.293713645E+06  
-.288563873E+06 -.210349882E+06 -.964670145E-44 -.827037853E-44 -.376867494E-44  
-.342129895E-44 -.239989794E-44 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.254138818E+06 -.779155831E+06  
-.935456150E+06  
-.923921778E+06 -.849503079E+06 -.759796128E+06 -.673991385E+06  
-.598514804E+06  
-.534470370E+06 -.480958675E+06 -.436486662E+06 -.399530535E+06  
-.368734502E+06  
-.342959002E+06 -.321271126E+06 -.302916515E+06 -.287288579E+06  
-.273900839E+06  
-.262363964E+06 -.252367398E+06 -.243664885E+06 -.236063117E+06  
-.229412726E+06  
-.223600984E+06 -.218545691E+06 -.214189839E+06 -.210496771E+06  
-.207445657E+06  
-.205027195E+06 -.203239577E+06 -.202084786E+06 -.201565408E+06  
-.201682153E+06  
-.202432329E+06 -.203809508E+06 -.205804620E+06 -.208408677E+06  
-.211617304E+06  
-.215437208E+06 -.219894692E+06 -.225046259E+06 -.230991098E+06  
-.237884255E+06  
-.245945693E+06 -.255448076E+06 -.266623264E+06 -.279275001E+06  
-.291315705E+06  
-.293203366E+06 -.246162635E+06 -.892076768E-33 -.895786425E-44 -.546772959E-44  
-.357846560E-44 -.285337472E-44 -.102927926E-44 .000000000E+00  
.000000000E+00



.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.260182373E+06 -.782327270E+06  
-.936803804E+06  
-.924268816E+06 -.849344116E+06 -.759398977E+06 -.673494353E+06  
-.597987321E+06  
-.533946201E+06 -.480453267E+06 -.436006066E+06 -.399075969E+06  
-.368304695E+06  
-.342551383E+06 -.320882429E+06 -.302543071E+06 -.286926451E+06  
-.273545880E+06  
-.262011841E+06 -.252013598E+06 -.243304740E+06 -.235691830E+06  
-.229025422E+06  
-.223192781E+06 -.218111791E+06 -.213725634E+06 -.209997964E+06  
-.206908372E+06  
-.204448089E+06 -.202615908E+06 -.201414443E+06 -.200846865E+06  
-.200914332E+06  
-.201614339E+06 -.202940226E+06 -.204882082E+06 -.207429237E+06  
-.210574502E+06  
-.214320284E+06 -.218686674E+06 -.223721531E+06 -.229512445E+06  
-.236199689E+06  
-.243986612E+06 -.253134596E+06 -.263897813E+06 -.276240820E+06  
-.288770003E+06  
-.294716194E+06 -.266415392E+06 -.955873916E+05 -.933503686E-44 -.697566050E-  
44  
-.367169984E-44 -.313770551E-44 -.175213255E-44 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.265060347E+06 -.784883795E+06  
-.937887653E+06  
-.924545097E+06 -.849212175E+06 -.759074983E+06 -.673089931E+06  
-.597558501E+06  
-.533520228E+06 -.480042600E+06 -.435615573E+06 -.398706620E+06  
-.367955444E+06  
-.342220132E+06 -.320566514E+06 -.302239498E+06 -.286632002E+06  
-.273257162E+06  
-.261725299E+06 -.251725526E+06 -.243011294E+06 -.235389050E+06  
-.228709276E+06  
-.222859221E+06 -.217756827E+06 -.213345426E+06 -.209588917E+06  
-.206467238E+06  
-.203972053E+06 -.202102657E+06 -.200862197E+06 -.200254351E+06  
-.200280686E+06  
-.200938901E+06 -.202222222E+06 -.204120146E+06 -.206620747E+06  
-.209714684E+06  
-.213401043E+06 -.217695071E+06 -.222637861E+06 -.228307869E+06  
-.234833606E+06  
-.242404733E+06 -.251271449E+06 -.261697090E+06 -.273741823E+06  
-.286440113E+06  
-.294733628E+06 -.277761117E+06 -.153864337E+06 -.954017076E-44 -.786342434E-  
44  
-.372649287E-44 -.331692603E-44 -.221610066E-44 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 -.268813331E+06 -.786848738E+06  
-.938719167E+06  
-.924755319E+06 -.849108430E+06 -.758823590E+06 -.672776770E+06  
-.597226677E+06  
-.533190699E+06 -.479724945E+06 -.435313532E+06 -.398420928E+06  
-.367685285E+06  
-.341963878E+06 -.320322099E+06 -.302004596E+06 -.286404114E+06  
-.273033647E+06  
-.261503388E+06 -.251502326E+06 -.242783798E+06 -.235154159E+06  
-.228463824E+06  
-.222600025E+06 -.217480744E+06 -.213049423E+06 -.209270148E+06  
-.206123123E+06  
-.203600352E+06 -.201701525E+06 -.200430214E+06 -.199790509E+06  
-.199784315E+06  
-.200409529E+06 -.201659334E+06 -.203522825E+06 -.205987173E+06  
-.209041462E+06  
-.212682312E+06 -.216921358E+06 -.221794619E+06 -.227373676E+06  
-.233778121E+06  
-.241187001E+06 -.249840941E+06 -.260005964E+06 -.271798816E+06  
-.284517958E+06  
-.294161342E+06 -.284024587E+06 -.188586330E+06 -.964951140E-44 -.838807169E-44  
-.375808242E-44 -.342907393E-44 -.251241881E-44 -.362961497E-45  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.271472297E+06 -.788239847E+06  
-.939307040E+06  
-.924903022E+06 -.849033742E+06 -.758644352E+06 -.672553826E+06  
-.596990567E+06  
-.532956269E+06 -.479498980E+06 -.435098678E+06 -.398217701E+06  
-.367493100E+06  
-.341781575E+06 -.320148204E+06 -.301837451E+06 -.286241936E+06  
-.272874548E+06  
-.261345386E+06 -.251343350E+06 -.242621692E+06 -.234986695E+06  
-.228288728E+06  
-.222415004E+06 -.217283530E+06 -.212837825E+06 -.209042104E+06  
-.205876763E+06  
-.203334046E+06 -.201413931E+06 -.200120295E+06 -.199457533E+06  
-.199427805E+06  
-.200029168E+06 -.201254797E+06 -.203093533E+06 -.205531944E+06  
-.208558039E+06  
-.212166741E+06 -.216367187E+06 -.221191875E+06 -.226707601E+06  
-.233027716E+06  
-.240323742E+06 -.248829118E+06 -.258809856E+06 -.270415220E+06  
-.283101567E+06  
-.293499670E+06 -.287374386E+06 -.208728754E+06 -.970551492E-44 -.869041718E-44  
-.469207798E-44 -.349670475E-44 -.269482936E-44 -.794934958E-45  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.273059046E+06 -.789069585E+06  
-.939657361E+06

-.924990674E+06 -.848988700E+06 -.758536942E+06 -.672420356E+06  
-.596849262E+06  
-.532815988E+06 -.479363771E+06 -.434970119E+06 -.398096098E+06  
-.367378101E+06  
-.341672485E+06 -.320044140E+06 -.301737420E+06 -.286144866E+06  
-.272779307E+06  
-.261250785E+06 -.251248143E+06 -.242524582E+06 -.234886342E+06  
-.228183759E+06  
-.222304036E+06 -.217165194E+06 -.212710794E+06 -.208905132E+06  
-.205728715E+06  
-.203173933E+06 -.201240935E+06 -.199933787E+06 -.199257067E+06  
-.199213096E+06  
-.199800033E+06 -.201011057E+06 -.202834871E+06 -.205257698E+06  
-.208266920E+06  
-.211856470E+06 -.216034019E+06 -.220829993E+06 -.226308368E+06  
-.232578804E+06  
-.239808343E+06 -.248226005E+06 -.258097136E+06 -.269587768E+06  
-.282238284E+06  
-.293016772E+06 -.288996946E+06 -.219211093E+06 -.476840046E-43 -.884682095E-  
44  
-.526026731E-44 -.353281733E-44 -.279378779E-44 -.103081990E-44  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.273586530E+06 -.789345348E+06  
-.939773737E+06  
-.925019731E+06 -.848973649E+06 -.758501161E+06 -.672375915E+06  
-.596802221E+06  
-.532769291E+06 -.479318763E+06 -.434927325E+06 -.398055619E+06  
-.367339820E+06  
-.341636170E+06 -.320009497E+06 -.301704118E+06 -.286112549E+06  
-.272747597E+06  
-.261219284E+06 -.251216437E+06 -.242492237E+06 -.234852911E+06  
-.228148784E+06  
-.222267054E+06 -.217125747E+06 -.212668439E+06 -.208859450E+06  
-.205679326E+06  
-.203120506E+06 -.201183196E+06 -.199871524E+06 -.199190130E+06  
-.199141391E+06  
-.199723499E+06 -.200929638E+06 -.202748467E+06 -.205166093E+06  
-.208169698E+06  
-.211752887E+06 -.215922846E+06 -.220709320E+06 -.226175351E+06  
-.232429382E+06  
-.239636963E+06 -.248025629E+06 -.257860405E+06 -.269312494E+06  
-.281948642E+06  
-.292842883E+06 -.289478923E+06 -.222461684E+06 -.765650746E-43 -.889514111E-  
44  
-.543732126E-44 -.354415820E-44 -.282513512E-44 -.110577126E-44  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.273059046E+06 -.789069585E+06  
-.939657361E+06  
-.924990674E+06 -.848988700E+06 -.758536942E+06 -.672420356E+06  
-.596849262E+06

-.532815988E+06 -.479363771E+06 -.434970119E+06 -.398096098E+06  
-.367378101E+06  
-.341672485E+06 -.320044140E+06 -.301737420E+06 -.286144866E+06  
-.272779307E+06  
-.261250785E+06 -.251248143E+06 -.242524582E+06 -.234886342E+06  
-.228183759E+06  
-.222304036E+06 -.217165194E+06 -.212710794E+06 -.208905132E+06  
-.205728715E+06  
-.203173933E+06 -.201240935E+06 -.199933787E+06 -.199257067E+06  
-.199213096E+06  
-.199800033E+06 -.201011057E+06 -.202834871E+06 -.205257698E+06  
-.208266920E+06  
-.211856470E+06 -.216034019E+06 -.220829993E+06 -.226308368E+06  
-.232578804E+06  
-.239808343E+06 -.248226005E+06 -.258097136E+06 -.269587768E+06  
-.282238284E+06  
-.293016772E+06 -.288996946E+06 -.219211093E+06 -.476840046E-43 -.884682095E-44  
-.526026731E-44 -.353281733E-44 -.279378779E-44 -.103081990E-44  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.271472297E+06 -.788239847E+06  
-.939307040E+06  
-.924903022E+06 -.849033742E+06 -.758644352E+06 -.672553826E+06  
-.596990567E+06  
-.532956269E+06 -.479498980E+06 -.435098678E+06 -.398217701E+06  
-.367493100E+06  
-.341781575E+06 -.320148204E+06 -.301837451E+06 -.286241936E+06  
-.272874548E+06  
-.261345386E+06 -.251343350E+06 -.242621692E+06 -.234986695E+06  
-.228288728E+06  
-.222415004E+06 -.217283530E+06 -.212837825E+06 -.209042104E+06  
-.205876763E+06  
-.203334046E+06 -.201413931E+06 -.200120295E+06 -.199457533E+06  
-.199427805E+06  
-.200029168E+06 -.201254797E+06 -.203093533E+06 -.205531944E+06  
-.208558039E+06  
-.212166741E+06 -.216367187E+06 -.221191875E+06 -.226707601E+06  
-.233027716E+06  
-.240323742E+06 -.248829118E+06 -.258809856E+06 -.270415220E+06  
-.283101567E+06  
-.293499670E+06 -.287374386E+06 -.208728754E+06 -.970551492E-44 -.869041718E-44  
-.469207798E-44 -.349670475E-44 -.269482936E-44 -.794934958E-45  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.268813331E+06 -.786848738E+06  
-.938719167E+06  
-.924755319E+06 -.849108430E+06 -.758823590E+06 -.672776770E+06  
-.597226677E+06  
-.533190699E+06 -.479724945E+06 -.435313532E+06 -.398420928E+06  
-.367685285E+06

-.341963878E+06 -.320322099E+06 -.302004596E+06 -.286404114E+06  
-.273033647E+06  
-.261503388E+06 -.251502326E+06 -.242783798E+06 -.235154159E+06  
-.228463824E+06  
-.222600025E+06 -.217480744E+06 -.213049423E+06 -.209270148E+06  
-.206123123E+06  
-.203600352E+06 -.201701525E+06 -.200430214E+06 -.199790509E+06  
-.199784315E+06  
-.200409529E+06 -.201659334E+06 -.203522825E+06 -.205987173E+06  
-.209041462E+06  
-.212682312E+06 -.216921358E+06 -.221794619E+06 -.227373676E+06  
-.233778121E+06  
-.241187001E+06 -.249840941E+06 -.260005964E+06 -.271798816E+06  
-.284517958E+06  
-.294161342E+06 -.284024587E+06 -.188586330E+06 -.964951140E-44 -.838807169E-44  
-.375808242E-44 -.342907393E-44 -.251241881E-44 -.362961497E-45  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.265060347E+06 -.784883795E+06  
-.937887653E+06  
-.924545097E+06 -.849212175E+06 -.759074983E+06 -.673089931E+06  
-.597558501E+06  
-.533520228E+06 -.480042600E+06 -.435615573E+06 -.398706620E+06  
-.367955444E+06  
-.342220132E+06 -.320566514E+06 -.302239498E+06 -.286632002E+06  
-.273257162E+06  
-.261725299E+06 -.251725526E+06 -.243011294E+06 -.235389050E+06  
-.228709276E+06  
-.222859221E+06 -.217756827E+06 -.213345426E+06 -.209588917E+06  
-.206467238E+06  
-.203972053E+06 -.202102657E+06 -.200862197E+06 -.200254351E+06  
-.200280686E+06  
-.200938901E+06 -.202222222E+06 -.204120146E+06 -.206620747E+06  
-.209714684E+06  
-.213401043E+06 -.217695071E+06 -.222637861E+06 -.228307869E+06  
-.234833606E+06  
-.242404733E+06 -.251271449E+06 -.261697090E+06 -.273741823E+06  
-.286440113E+06  
-.294733628E+06 -.277761117E+06 -.153864337E+06 -.954017076E-44 -.786342434E-44  
-.372649287E-44 -.331692603E-44 -.221610066E-44 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.260182373E+06 -.782327270E+06  
-.936803804E+06  
-.924268816E+06 -.849344116E+06 -.759398977E+06 -.673494353E+06  
-.597987321E+06  
-.533946201E+06 -.480453267E+06 -.436006066E+06 -.399075969E+06  
-.368304695E+06  
-.342551383E+06 -.320882429E+06 -.302543071E+06 -.286926451E+06  
-.273545880E+06

-.262011841E+06 -.252013598E+06 -.243304740E+06 -.235691830E+06  
-.229025422E+06  
-.223192781E+06 -.218111791E+06 -.213725634E+06 -.209997964E+06  
-.206908372E+06  
-.204448089E+06 -.202615908E+06 -.201414443E+06 -.200846865E+06  
-.200914332E+06  
-.201614339E+06 -.202940226E+06 -.204882082E+06 -.207429237E+06  
-.210574502E+06  
-.214320284E+06 -.218686674E+06 -.223721531E+06 -.229512445E+06  
-.236199689E+06  
-.243986612E+06 -.253134596E+06 -.263897813E+06 -.276240820E+06  
-.288770003E+06  
-.294716194E+06 -.266415392E+06 -.955873916E+05 -.933503686E-44 -.697566050E-44  
-.367169984E-44 -.313770551E-44 -.175213255E-44 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.254138818E+06 -.779155831E+06  
-.935456150E+06  
-.923921778E+06 -.849503079E+06 -.759796128E+06 -.673991385E+06  
-.598514804E+06  
-.534470370E+06 -.480958675E+06 -.436486662E+06 -.399530535E+06  
-.368734502E+06  
-.342959002E+06 -.321271126E+06 -.302916515E+06 -.287288579E+06  
-.273900839E+06  
-.262363964E+06 -.252367398E+06 -.243664885E+06 -.236063117E+06  
-.229412726E+06  
-.223600984E+06 -.218545691E+06 -.214189839E+06 -.210496771E+06  
-.207445657E+06  
-.205027195E+06 -.203239577E+06 -.202084786E+06 -.201565408E+06  
-.201682153E+06  
-.202432329E+06 -.203809508E+06 -.205804620E+06 -.208408677E+06  
-.211617304E+06  
-.215437208E+06 -.219894692E+06 -.225046259E+06 -.230991098E+06  
-.237884255E+06  
-.245945693E+06 -.255448076E+06 -.266623264E+06 -.279275001E+06  
-.291315705E+06  
-.293203366E+06 -.246162635E+06 -.892076768E-33 -.895786425E-44 -.546772959E-44  
-.357846560E-44 -.285337472E-44 -.102927926E-44 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.246878897E+06 -.775340169E+06  
-.933830216E+06  
-.923498004E+06 -.849687525E+06 -.760267084E+06 -.674582682E+06  
-.599143016E+06  
-.535094917E+06 -.481560976E+06 -.437059425E+06 -.400072265E+06  
-.369246694E+06  
-.343444701E+06 -.321734208E+06 -.303361331E+06 -.287719787E+06  
-.274323338E+06  
-.262782866E+06 -.252788005E+06 -.244092676E+06 -.236503704E+06  
-.229871798E+06

-.224084221E+06 -.219058658E+06 -.214737862E+06 -.211084803E+06  
-.208078144E+06  
-.205707964E+06 -.203971759E+06 -.202870797E+06 -.202407022E+06  
-.202580684E+06  
-.203388969E+06 -.204825848E+06 -.206883409E+06 -.209554862E+06  
-.212839420E+06  
-.216749200E+06 -.221318267E+06 -.226613855E+06 -.232749453E+06  
-.239898021E+06  
-.248298626E+06 -.258232543E+06 -.269884554E+06 -.282787047E+06  
-.293713645E+06  
-.288563873E+06 -.210349882E+06 -.964670145E-44 -.827037853E-44 -.376867494E-44  
-.342129895E-44 -.239989794E-44 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.238340939E+06 -.770844509E+06  
-.931908237E+06  
-.922990087E+06 -.849895484E+06 -.760812562E+06 -.675270210E+06  
-.599874440E+06  
-.535822473E+06 -.482262777E+06 -.437726855E+06 -.400703524E+06  
-.369843490E+06  
-.344010560E+06 -.322273623E+06 -.303879340E+06 -.288221779E+06  
-.274814964E+06  
-.263270006E+06 -.253276748E+06 -.244589288E+06 -.237014589E+06  
-.230403425E+06  
-.224643029E+06 -.219650933E+06 -.215369599E+06 -.211761554E+06  
-.208804874E+06  
-.206488936E+06 -.204810452E+06 -.203769913E+06 -.203368585E+06  
-.203606287E+06  
-.204480192E+06 -.205984905E+06 -.208114066E+06 -.210863700E+06  
-.214237511E+06  
-.218254297E+06 -.222957634E+06 -.228427818E+06 -.234795571E+06  
-.242254929E+06  
-.251065547E+06 -.261509608E+06 -.273679800E+06 -.286647234E+06  
-.295281647E+06  
-.277788421E+06 -.146193720E+06 -.938582108E-44 -.701651669E-44 -.369687226E-44  
-.315706750E-44 -.166813805E-44 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.228451578E+06 -.765626035E+06  
-.929668801E+06  
-.922389001E+06 -.850124459E+06 -.761433319E+06 -.676056249E+06  
-.600711991E+06  
-.536656149E+06 -.483067166E+06 -.438491920E+06 -.401427121E+06  
-.370527530E+06  
-.344659056E+06 -.322891693E+06 -.304472719E+06 -.288796588E+06  
-.275377611E+06  
-.263827137E+06 -.253835222E+06 -.245156146E+06 -.237596999E+06  
-.231008602E+06  
-.225278128E+06 -.220322914E+06 -.216085071E+06 -.212526614E+06  
-.209624957E+06

-.207368688E+06 -.205753671E+06 -.204779573E+06 -.204446981E+06  
-.204755350E+06  
-.205702007E+06 -.207282497E+06 -.209492501E+06 -.212331587E+06  
-.215808993E+06  
-.219951655E+06 -.224814627E+06 -.230493853E+06 -.237140413E+06  
-.244972345E+06  
-.254269296E+06 -.265297558E+06 -.277976765E+06 -.290584519E+06  
-.294735405E+06  
-.255295017E+06 -.301281055E+05 -.883884930E-44 -.471070078E-44 -.356008447E-  
44  
-.271151718E-44 -.466436429E-45 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.217124878E+06 -.759634205E+06  
-.927086430E+06  
-.921683862E+06 -.850371320E+06 -.762130110E+06 -.676943393E+06  
-.601659048E+06  
-.537599572E+06 -.483977758E+06 -.439358100E+06 -.402246351E+06  
-.371301916E+06  
-.345393097E+06 -.323591143E+06 -.305144022E+06 -.289446609E+06  
-.276013515E+06  
-.264456332E+06 -.254465331E+06 -.245794961E+06 -.238252426E+06  
-.231688568E+06  
-.225990463E+06 -.221075202E+06 -.216884485E+06 -.213379744E+06  
-.210537652E+06  
-.208345943E+06 -.206799577E+06 -.205897376E+06 -.205639285E+06  
-.206024509E+06  
-.207050763E+06 -.208714911E+06 -.211015267E+06 -.213955794E+06  
-.217552469E+06  
-.221842014E+06 -.226893168E+06 -.232820339E+06 -.239798174E+06  
-.248070884E+06  
-.257933517E+06 -.269603320E+06 -.282681744E+06 -.294062467E+06  
-.289671193E+06  
-.210883140E+06 -.957522724E-44 -.775142689E-44 -.375613085E-44 -.331056116E-  
44  
-.195538991E-44 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.204261400E+06 -.752810000E+06  
-.924131075E+06  
-.920861650E+06 -.850632156E+06 -.762903639E+06 -.677934550E+06  
-.602719473E+06  
-.538656921E+06 -.484998733E+06 -.440329431E+06 -.403165043E+06  
-.372170249E+06  
-.346216064E+06 -.324375146E+06 -.305896227E+06 -.290174633E+06  
-.276725285E+06  
-.265160021E+06 -.255169311E+06 -.246507764E+06 -.238982667E+06  
-.232444853E+06  
-.226781256E+06 -.221908665E+06 -.217768304E+06 -.214320951E+06  
-.211542472E+06  
-.209419686E+06 -.207946617E+06 -.207121251E+06 -.206942966E+06  
-.207410888E+06



-.208523417E+06 -.210279212E+06 -.212679912E+06 -.215734870E+06  
-.219468168E+06  
-.223928165E+06 -.229199724E+06 -.235418721E+06 -.242786394E+06  
-.251573624E+06  
-.262078832E+06 -.274407839E+06 -.287583632E+06 -.296051280E+06  
-.275556172E+06  
-.124924899E+06 -.912980242E-44 -.563829579E-44 -.363581618E-44 -.286545113E-44  
-.658974457E-45 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.189747316E+06 -.745085091E+06  
-.920767537E+06  
-.919906852E+06 -.850902105E+06 -.763754488E+06 -.679032940E+06  
-.603897647E+06  
-.539832981E+06 -.486134899E+06 -.441410561E+06 -.404187611E+06  
-.373136688E+06  
-.347131861E+06 -.325247366E+06 -.306732773E+06 -.290983890E+06  
-.277515952E+06  
-.265941031E+06 -.255949785E+06 -.247296951E+06 -.239789873E+06  
-.233279330E+06  
-.227652061E+06 -.222824497E+06 -.218737317E+06 -.215350581E+06  
-.212639284E+06  
-.210589289E+06 -.209193673E+06 -.208449629E+06 -.208356092E+06  
-.208912336E+06  
-.210117821E+06 -.211973564E+06 -.214485344E+06 -.217669033E+06  
-.221558360E+06  
-.226215377E+06 -.231743707E+06 -.238303750E+06 -.246125721E+06  
-.255504294E+06  
-.266715719E+06 -.279639623E+06 -.292250984E+06 -.294598568E+06  
-.243864386E+06  
-.277182283E-42 -.817420512E-44 -.379199681E-44 -.339886197E-44 -.208000508E-44  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.173453695E+06 -.736380987E+06  
-.916954802E+06  
-.918801052E+06 -.851175133E+06 -.764683038E+06 -.680242089E+06  
-.605198506E+06  
-.541133195E+06 -.487391751E+06 -.442606818E+06 -.405319121E+06  
-.374206007E+06  
-.348144973E+06 -.326212015E+06 -.307657618E+06 -.291878100E+06  
-.278389008E+06  
-.266802637E+06 -.256809801E+06 -.248165336E+06 -.240676599E+06  
-.234194267E+06  
-.228604829E+06 -.223824293E+06 -.219792729E+06 -.216469415E+06  
-.213828427E+06  
-.211854645E+06 -.210540220E+06 -.209881635E+06 -.209877549E+06  
-.210527681E+06  
-.211833002E+06 -.213797553E+06 -.216432181E+06 -.219760553E+06  
-.223827761E+06

-.228711789E+06 -.234537783E+06 -.241493536E+06 -.249839121E+06  
-.259883838E+06  
-.271832034E+06 -.285128607E+06 -.295849037E+06 -.286049511E+06  
-.178823031E+06  
-.931846619E-44 -.625430071E-44 -.368680058E-44 -.295972528E-44 -.699859904E-  
45  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.155236207E+06 -.726608222E+06  
-.912645280E+06  
-.917522416E+06 -.851443760E+06 -.765689355E+06 -.681565818E+06  
-.606627585E+06  
-.542563735E+06 -.488775548E+06 -.443924284E+06 -.406565363E+06  
-.375383665E+06  
-.349260531E+06 -.327273911E+06 -.308675293E+06 -.292861528E+06  
-.279348471E+06  
-.267748612E+06 -.257752892E+06 -.249116203E+06 -.241645866E+06  
-.235192400E+06  
-.229641982E+06 -.224910131E+06 -.220936249E+06 -.217678775E+06  
-.215110831E+06  
-.213216315E+06 -.211986499E+06 -.211417278E+06 -.211507266E+06  
-.212256984E+06  
-.213669457E+06 -.215752507E+06 -.218523105E+06 -.222014133E+06  
-.226283914E+06  
-.231428750E+06 -.237598070E+06 -.245009282E+06 -.253950245E+06  
-.264724342E+06  
-.277371431E+06 -.290525310E+06 -.296809856E+06 -.263575066E+06  
-.503583883E+05  
-.850522628E-44 -.382188092E-44 -.346912507E-44 -.217303508E-44  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.134935679E+06 -.715665741E+06  
-.907783975E+06  
-.916045079E+06 -.851698725E+06 -.766773064E+06 -.683008237E+06  
-.608191068E+06  
-.544131581E+06 -.490293409E+06 -.445369890E+06 -.407932940E+06  
-.376675890E+06  
-.350484388E+06 -.328438555E+06 -.309790974E+06 -.293939052E+06  
-.280398940E+06  
-.268783295E+06 -.258783142E+06 -.250153377E+06 -.242701230E+06  
-.236277000E+06  
-.230766489E+06 -.226084663E+06 -.222170195E+06 -.218980643E+06  
-.216488158E+06  
-.214675679E+06 -.213533686E+06 -.213057658E+06 -.213246444E+06  
-.214101805E+06  
-.215629439E+06 -.217841820E+06 -.220763212E+06 -.224437266E+06  
-.228937542E+06  
-.234381105E+06 -.240944174E+06 -.248874588E+06 -.258480453E+06  
-.270018588E+06

-.283196168E+06 -.295158167E+06 -.292240051E+06 -.214734509E+06 -.947900537E-44  
-.685584669E-44 -.373675177E-44 -.306027297E-44 -.794709374E-45  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.112380399E+06 -.703440701E+06  
-.902307550E+06  
-.914338386E+06 -.851928566E+06 -.767933182E+06 -.684573729E+06  
-.609895854E+06  
-.545844617E+06 -.491953407E+06 -.446951515E+06 -.409429364E+06  
-.378089772E+06  
-.351823208E+06 -.329712212E+06 -.311010559E+06 -.295116235E+06  
-.281545675E+06  
-.269911662E+06 -.259905253E+06 -.251281294E+06 -.243846860E+06  
-.237451963E+06  
-.231981963E+06 -.227351213E+06 -.223497604E+06 -.220377786E+06  
-.217962942E+06  
-.216235105E+06 -.215184089E+06 -.214805177E+06 -.215097802E+06  
-.216065470E+06  
-.217717266E+06 -.220071281E+06 -.223160363E+06 -.227040600E+06  
-.231802883E+06  
-.237587401E+06 -.244599000E+06 -.253114067E+06 -.263443702E+06  
-.275722500E+06  
-.289024074E+06 -.297786792E+06 -.276855467E+06 -.116567023E+06 -.883925980E-44  
-.384555483E-44 -.355146195E-44 -.233588148E-44 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.873920490E+05 -.689809172E+06  
-.896143263E+06  
-.912365910E+06 -.852119084E+06 -.769167920E+06 -.686266933E+06  
-.611749627E+06  
-.547711737E+06 -.493764698E+06 -.448678111E+06 -.411063176E+06  
-.379633370E+06  
-.353284567E+06 -.331102003E+06 -.312340755E+06 -.296399416E+06  
-.282794678E+06  
-.271139406E+06 -.261124636E+06 -.252505093E+06 -.245087628E+06  
-.238721900E+06  
-.233292760E+06 -.228713890E+06 -.224922361E+06 -.221873898E+06  
-.219538747E+06  
-.217898124E+06 -.216941343E+06 -.216663769E+06 -.217065827E+06  
-.218153357E+06  
-.219939628E+06 -.222449419E+06 -.225725549E+06 -.229838307E+06  
-.234898000E+06  
-.241069997E+06 -.248588227E+06 -.257750879E+06 -.268837924E+06  
-.281725417E+06  
-.294319624E+06 -.296167632E+06 -.241166232E+06 -.191028136E-42 -.754638595E-44

-.378545811E-44 -.320566625E-44 -.110392148E-44 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.598000612E+05 -.674638363E+06  
-.889207547E+06  
-.910084128E+06 -.852252659E+06 -.770474433E+06 -.688092728E+06  
-.613760936E+06  
-.549742969E+06 -.495737653E+06 -.450559832E+06 -.412844069E+06  
-.381315830E+06  
-.354877065E+06 -.332616014E+06 -.313789184E+06 -.297795799E+06  
-.284152785E+06  
-.272473037E+06 -.262447498E+06 -.253830706E+06 -.246429213E+06  
-.240092252E+06  
-.234704101E+06 -.230177721E+06 -.226449336E+06 -.223473756E+06  
-.221220345E+06  
-.219669627E+06 -.218810634E+06 -.218639143E+06 -.219157056E+06  
-.220373203E+06  
-.222305931E+06 -.224987865E+06 -.228473278E+06 -.232848456E+06  
-.238245076E+06  
-.244855023E+06 -.252939252E+06 -.262802539E+06 -.274630712E+06  
-.287800585E+06  
-.298110203E+06 -.286314525E+06 -.168526470E+06 -.918186284E-44 -.513959838E-44  
-.364611880E-44 -.261091509E-44 -.648596729E-46 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.294788631E+05 -.657790724E+06  
-.881403435E+06  
-.907440452E+06 -.852307329E+06 -.771848498E+06 -.690056182E+06  
-.615939278E+06  
-.551949607E+06 -.497884002E+06 -.452608185E+06 -.414783032E+06  
-.383147526E+06  
-.356610453E+06 -.334263417E+06 -.315364496E+06 -.299313575E+06  
-.285627782E+06  
-.273919984E+06 -.263880959E+06 -.255264977E+06 -.247878214E+06  
-.241569404E+06  
-.236222195E+06 -.231748787E+06 -.228084545E+06 -.225183394E+06  
-.223013906E+06  
-.221556083E+06 -.220798940E+06 -.220739060E+06 -.221380369E+06  
-.222735437E+06  
-.224828662E+06 -.227701763E+06 -.231422000E+06 -.236093414E+06  
-.241870640E+06  
-.248972073E+06 -.257679207E+06 -.268273772E+06 -.280735286E+06  
-.293521370E+06  
-.298671383E+06 -.261216210E+06 -.295724248E+05 -.826986637E-44 -.383071377E-44  
-.338725590E-44 -.164470272E-44 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.639124925E+06  
-.872614305E+06  
-.904370055E+06 -.852255502E+06 -.773284044E+06 -.692162449E+06  
-.618295148E+06  
-.554344330E+06 -.500216990E+06 -.454836187E+06 -.416892509E+06  
-.385140205E+06  
-.358495778E+06 -.336054605E+06 -.317076500E+06 -.300962041E+06  
-.287228525E+06  
-.275488724E+06 -.265433172E+06 -.256815784E+06 -.249442283E+06  
-.243160835E+06  
-.237854402E+06 -.233434393E+06 -.229835326E+06 -.227010301E+06  
-.224927224E+06  
-.223565783E+06 -.222915302E+06 -.222973627E+06 -.223747337E+06  
-.225253562E+06  
-.227523811E+06 -.230610213E+06 -.234594565E+06 -.239600239E+06  
-.245805685E+06  
-.253453402E+06 -.262831393E+06 -.274144313E+06 -.286969766E+06  
-.298118316E+06  
-.292994481E+06 -.208989436E+06 -.948925059E-44 -.661294082E-44 -.373979626E-44  
-.295487176E-44 -.312478013E-45 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.618451960E+06  
-.862687821E+06  
-.900790747E+06 -.852062100E+06 -.774772443E+06 -.694416531E+06  
-.620840027E+06  
-.556941301E+06 -.502751516E+06 -.457258530E+06 -.419186563E+06  
-.387307156E+06  
-.360545543E+06 -.338001349E+06 -.318936314E+06 -.302751747E+06  
-.288965082E+06  
-.277188921E+06 -.267113465E+06 -.258492192E+06 -.251130286E+06  
-.244875276E+06  
-.239609395E+06 -.235243253E+06 -.231710549E+06 -.228963648E+06  
-.226969956E+06  
-.225709114E+06 -.225171132E+06 -.225355651E+06 -.226272601E+06  
-.227944582E+06  
-.230411346E+06 -.233736793E+06 -.238018729E+06 -.243401044E+06  
-.250085518E+06  
-.258332212E+06 -.268408839E+06 -.280347832E+06 -.292987581E+06  
-.300234768E+06  
-.275853031E+06 -.109010112E+06 -.890627275E-44 -.386557444E-44 -.356639123E-44  
-.228031227E-44 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.595344716E+06  
-.851407871E+06  
-.896596079E+06 -.851681907E+06 -.776301323E+06 -.696822786E+06  
-.623586243E+06  
-.559756202E+06 -.505504262E+06 -.459891746E+06 -.421681058E+06  
-.389663390E+06  
-.362773882E+06 -.340116967E+06 -.320956527E+06 -.304694660E+06  
-.290848894E+06  
-.279031585E+06 -.268932512E+06 -.260304618E+06 -.252952467E+06  
-.246722894E+06  
-.241497369E+06 -.237185706E+06 -.233720845E+06 -.231054544E+06  
-.229153920E+06  
-.227998882E+06 -.227580575E+06 -.227901035E+06 -.228974326E+06  
-.230829504E+06  
-.233515762E+06 -.237110119E+06 -.241727669E+06 -.247533233E+06  
-.254749071E+06  
-.263639205E+06 -.274402659E+06 -.286734642E+06 -.298154231E+06  
-.297495627E+06  
-.238286935E+06 -.216568877E-42 -.784490882E-44 -.381558362E-44 -.327906159E-44  
-.128123988E-44 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.569288093E+06  
-.838498935E+06  
-.891649914E+06 -.851056019E+06 -.777852756E+06 -.699384100E+06  
-.626546657E+06  
-.562806191E+06 -.508493783E+06 -.462754359E+06 -.424393843E+06  
-.392225832E+06  
-.365196759E+06 -.342416515E+06 -.323151396E+06 -.306804348E+06  
-.292892961E+06  
-.281029265E+06 -.270902514E+06 -.262265025E+06 -.254920664E+06  
-.248715515E+06  
-.243530266E+06 -.239273966E+06 -.235878885E+06 -.233296339E+06  
-.231493418E+06  
-.230450679E+06 -.230160917E+06 -.230629241E+06 -.231874718E+06  
-.233933916E+06  
-.236866702E+06 -.240764474E+06 -.245760451E+06 -.252039407E+06  
-.259837135E+06  
-.269395992E+06 -.280761152E+06 -.293006175E+06 -.301332662E+06  
-.285766112E+06  
-.165168485E+06 -.937689613E-44 -.605894290E-44 -.370913412E-44 -.283911586E-44  
-.258109683E-45 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 -.539680953E+06  
-.823620447E+06  
-.885779416E+06 -.850107228E+06 -.779400716E+06 -.702100623E+06  
-.629734120E+06  
-.566109743E+06 -.511740544E+06 -.465867030E+06 -.427344937E+06  
-.395013529E+06  
-.367832176E+06 -.344917004E+06 -.325537049E+06 -.309096191E+06  
-.295112053E+06  
-.283196251E+06 -.273037418E+06 -.264387149E+06 -.257048535E+06  
-.250866865E+06  
-.245722045E+06 -.241522412E+06 -.238199694E+06 -.235704973E+06  
-.234005633E+06  
-.233083319E+06 -.232933073E+06 -.233563839E+06 -.235000631E+06  
-.237288652E+06  
-.240499647E+06 -.244740420E+06 -.250162303E+06 -.256966571E+06  
-.265388526E+06  
-.275602597E+06 -.287351802E+06 -.298597163E+06 -.300498778E+06  
-.257833892E+06  
-.305915144E+05 -.871685229E-44 -.386592956E-44 -.352611610E-44 -.220048107E-44

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.505811338E+06  
-.806352436E+06  
-.878765197E+06 -.848733946E+06 -.780907679E+06 -.704968002E+06  
-.633160640E+06  
-.569686332E+06 -.515266888E+06 -.469252659E+06 -.430556709E+06  
-.398047866E+06  
-.370700406E+06 -.347637634E+06 -.328131726E+06 -.311587619E+06  
-.297522944E+06  
-.285548823E+06 -.275353168E+06 -.266686754E+06 -.259351832E+06  
-.253192863E+06  
-.248088991E+06 -.243947927E+06 -.240701019E+06 -.238299384E+06  
-.236711074E+06  
-.235919344E+06 -.235922155E+06 -.236733137E+06 -.238384269E+06  
-.240930531E+06  
-.244456635E+06 -.249085295E+06 -.254984395E+06 -.262363875E+06  
-.271432233E+06  
-.282213943E+06 -.293891549E+06 -.302461016E+06 -.292055382E+06  
-.201421496E+06  
-.968068215E-44 -.757956171E-44 -.380455077E-44 -.324104057E-44 -.130888250E-44

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.466824678E+06  
-.786174551E+06

-.870327834E+06 -.846802082E+06 -.782320014E+06 -.707974934E+06  
-.636836175E+06  
-.573555917E+06 -.519096892E+06 -.472936454E+06 -.434054049E+06  
-.401352785E+06  
-.373824236E+06 -.350600048E+06 -.330956041E+06 -.314298373E+06  
-.300144684E+06  
-.288105526E+06 -.277867986E+06 -.269181934E+06 -.261848717E+06  
-.255711955E+06  
-.250650077E+06 -.246570286E+06 -.243403764E+06 -.241101981E+06  
-.239634110E+06  
-.238985611E+06 -.239158129E+06 -.240170908E+06 -.242063962E+06  
-.244903142E+06  
-.248786902E+06 -.253853354E+06 -.260282533E+06 -.268277456E+06  
-.277971903E+06  
-.289095457E+06 -.299817375E+06 -.302673916E+06 -.269556506E+06  
-.949495919E+05  
-.926240736E-44 -.572325112E-44 -.368686416E-44 -.282118764E-44 -.286276054E-  
45  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.421687288E+06  
-.762438747E+06  
-.860109850E+06 -.844134090E+06 -.783561716E+06 -.711099732E+06  
-.640766865E+06  
-.577738115E+06 -.523256061E+06 -.476945903E+06 -.437864497E+06  
-.404954997E+06  
-.377229225E+06 -.353828610E+06 -.334033266E+06 -.317250806E+06  
-.302998905E+06  
-.290887478E+06 -.280602698E+06 -.271893446E+06 -.264560118E+06  
-.258445500E+06  
-.253427379E+06 -.249412615E+06 -.246332485E+06 -.244139201E+06  
-.242803582E+06  
-.242313979E+06 -.242676565E+06 -.243917199E+06 -.246084998E+06  
-.249257586E+06  
-.253547246E+06 -.259105051E+06 -.266113618E+06 -.274739572E+06  
-.284955481E+06  
-.295938270E+06 -.304040239E+06 -.295688733E+06 -.221496170E+06 -.170070562E-  
42  
-.849187013E-44 -.386119952E-44 -.349207773E-44 -.222426609E-44  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.369145859E+06  
-.734335104E+06  
-.847651911E+06 -.840494100E+06 -.784525724E+06 -.714305515E+06  
-.644952476E+06



-.582250928E+06 -.527770780E+06 -.481310619E+06 -.442018302E+06  
-.408884160E+06  
-.380943942E+06 -.357350687E+06 -.337389641E+06 -.320470204E+06  
-.306110155E+06  
-.293918729E+06 -.283581105E+06 -.274845106E+06 -.267510147E+06  
-.261418212E+06  
-.256446558E+06 -.252501911E+06 -.249515969E+06 -.247442141E+06  
-.246253507E+06  
-.245942075E+06 -.246519474E+06 -.248019197E+06 -.250500421E+06  
-.254052968E+06  
-.258801669E+06 -.264904499E+06 -.272527637E+06 -.281746632E+06  
-.292216224E+06  
-.302096716E+06 -.304476531E+06 -.274933502E+06 -.127343426E+06 -.957739294E-  
44  
-.717271439E-44 -.378057906E-44 -.319160150E-44 -.139482178E-44  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.307686538E+06  
-.700850601E+06  
-.832361564E+06 -.835567619E+06 -.785061840E+06 -.717533367E+06  
-.649382679E+06  
-.587108801E+06 -.532667361E+06 -.486061961E+06 -.446548358E+06  
-.413172999E+06  
-.385000197E+06 -.361196933E+06 -.341054697E+06 -.323985133E+06  
-.309506267E+06  
-.297226645E+06 -.286830392E+06 -.278064223E+06 -.270726567E+06  
-.264658669E+06  
-.259737410E+06 -.255869645E+06 -.252987887E+06 -.251047282E+06  
-.250023860E+06  
-.249914140E+06 -.250736171E+06 -.252532038E+06 -.255371586E+06  
-.259356246E+06  
-.264619441E+06 -.271313199E+06 -.279550748E+06 -.289215345E+06  
-.299357208E+06  
-.306271573E+06 -.297139641E+06 -.228190432E+06 -.383347463E-42 -.899222719E-  
44  
-.498981124E-44 -.363294998E-44 -.274518060E-44 -.281248926E-45  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.235505945E+06  
-.660722295E+06  
-.813472253E+06 -.828933560E+06 -.784959704E+06 -.720692543E+06  
-.654031580E+06  
-.592319648E+06 -.537970504E+06 -.491232288E+06 -.451489927E+06  
-.417857292E+06

-.389433180E+06 -.365401537E+06 -.345061561E+06 -.327827797E+06  
-.313218755E+06  
-.300842335E+06 -.290381585E+06 -.281582089E+06 -.274241317E+06  
-.268199875E+06  
-.263334476E+06 -.259552428E+06 -.256787526E+06 -.254997270E+06  
-.254161415E+06  
-.254281886E+06 -.255384081E+06 -.257519371E+06 -.260768083E+06  
-.265240595E+06  
-.271069835E+06 -.278376200E+06 -.287150648E+06 -.296895299E+06  
-.305522847E+06  
-.305884975E+06 -.274379225E+06 -.133042786E+06 -.974784314E-44 -.791796518E-44  
-.383078253E-44 -.338887092E-44 -.209574567E-44 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .150532584E+06  
-.612389553E+06  
-.789988810E+06 -.820025003E+06 -.783924481E+06 -.723646264E+06  
-.658849630E+06  
-.597880315E+06 -.543700784E+06 -.496853635E+06 -.456879999E+06  
-.422975644E+06  
-.394281489E+06 -.370002395E+06 -.349447240E+06 -.332034388E+06  
-.317283214E+06  
-.304801098E+06 -.294270039E+06 -.285434508E+06 -.278091082E+06  
-.272079883E+06  
-.267277715E+06 -.263592734E+06 -.260960558E+06 -.259341734E+06  
-.258720560E+06  
-.259105242E+06 -.260529236E+06 -.263053238E+06 -.266766185E+06  
-.271780651E+06  
-.278210064E+06 -.286093027E+06 -.295166174E+06 -.304193195E+06  
-.308939941E+06  
-.295829359E+06 -.221450825E+06 -.389858596E-42 -.922385578E-44 -.603612185E-44  
-.370056341E-44 -.300488802E-44 -.116179582E-44 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .506266860E+05  
-.553949667E+06  
-.760610487E+06 -.808072462E+06 -.781541488E+06 -.726190825E+06  
-.663751518E+06  
-.603769602E+06 -.549870667E+06 -.502955458E+06 -.462756066E+06  
-.428568875E+06  
-.399586899E+06 -.375041135E+06 -.354252800E+06 -.336645376E+06  
-.321739693E+06

-.309142862E+06 -.298535931E+06 -.289662341E+06 -.282317894E+06  
-.276342439E+06  
-.271613195E+06 -.268039633E+06 -.265559800E+06 -.264138022E+06  
-.263763941E+06  
-.264452720E+06 -.266246006E+06 -.269212412E+06 -.273444190E+06  
-.279041300E+06  
-.286059401E+06 -.294357626E+06 -.303163806E+06 -.309814755E+06  
-.305981787E+06  
-.265962744E+06 -.110397567E+06 -.982056494E-44 -.819008927E-44 -.385249647E-44  
-.346913436E-44 -.241604214E-44 -.132402531E-45 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-.483070161E+06  
-.723605902E+06 -.792018535E+06 -.777223715E+06 -.728024392E+06  
-.668597826E+06  
-.609937496E+06 -.556478158E+06 -.509560899E+06 -.469153941E+06  
-.434678795E+06  
-.405393729E+06 -.380562853E+06 -.359523355E+06 -.341705672E+06  
-.326632988E+06  
-.313912563E+06 -.303224718E+06 -.294312022E+06 -.286969697E+06  
-.281037590E+06  
-.276393733E+06 -.272949434E+06 -.270645808E+06 -.269451667E+06  
-.269362598E+06  
-.270400859E+06 -.272615117E+06 -.276077476E+06 -.280871329E+06  
-.287053291E+06  
-.294545063E+06 -.302834578E+06 -.310142186E+06 -.311024753E+06  
-.289241149E+06  
-.196142595E+06 -.169683072E-42 -.924706125E-44 -.627262206E-44 -.371374877E-44  
-.308394557E-44 -.152539789E-44 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-.396382413E+06  
-.676581347E+06 -.770387719E+06 -.770133234E+06 -.728699913E+06  
-.673167041E+06  
-.616288500E+06 -.563496800E+06 -.516680714E+06 -.476104060E+06  
-.441345956E+06  
-.411747508E+06 -.386615374E+06 -.365307718E+06 -.347264545E+06  
-.332012729E+06  
-.319160375E+06 -.308387460E+06 -.299435956E+06 -.292100788E+06  
-.286222152E+06

-.281679342E+06 -.278386047E+06 -.276287051E+06 -.275356148E+06  
-.275594940E+06  
-.277031673E+06 -.279718074E+06 -.283719167E+06 -.289083520E+06  
-.295761887E+06  
-.303389787E+06 -.310702120E+06 -.313915303E+06 -.302099280E+06  
-.243586627E+06  
-.469935832E+05 -.979133601E-44 -.805682558E-44 -.384725257E-44 -.345422037E-44  
-.246356239E-44 -.186491782E-45 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-.289104271E+06  
-.616220073E+06 -.741106046E+06 -.759065294E+06 -.727554097E+06  
-.677112805E+06  
-.622655867E+06 -.570859965E+06 -.524303563E+06 -.483625385E+06  
-.448605782E+06  
-.418692508E+06 -.393247688E+06 -.371657432E+06 -.353375049E+06  
-.337933099E+06  
-.324941609E+06 -.314080843E+06 -.305092615E+06 -.297771941E+06  
-.291959788E+06  
-.287537182E+06 -.284420682E+06 -.282559104E+06 -.281931166E+06  
-.282543308E+06  
-.284425973E+06 -.287624252E+06 -.292173027E+06 -.298032201E+06  
-.304919711E+06  
-.311877203E+06 -.316112230E+06 -.309808740E+06 -.271088982E+06  
-.138589028E+06  
-.101181250E-43 -.902618294E-44 -.574808795E-44 -.366842962E-44 -.300386491E-44  
-.148184853E-44 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-.155236846E+06  
-.538051679E+06 -.701262693E+06 -.742280035E+06 -.723600955E+06  
-.679898800E+06  
-.628761871E+06 -.578436313E+06 -.532380562E+06 -.491715485E+06  
-.456482076E+06  
-.426267414E+06 -.400507018E+06 -.378624759E+06 -.360092629E+06  
-.344451833E+06  
-.331315979E+06 -.320366604E+06 -.311346019E+06 -.304049848E+06  
-.298320292E+06  
-.294040505E+06 -.291130145E+06 -.289541827E+06 -.289257833E+06  
-.290285578E+06

-.292648329E+06 -.296363069E+06 -.301386005E+06 -.307477479E+06  
-.313862574E+06  
-.318357023E+06 -.315041909E+06 -.287884588E+06 -.193133800E+06 -.246983184E-  
42  
-.958545079E-44 -.740716442E-44 -.379869539E-44 -.332815216E-44 -.225098253E-  
44  
-.917287670E-46 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.436208112E+06 -.646781593E+06 -.717257087E+06 -.715372559E+06  
-.680699784E+06  
-.634156640E+06 -.585991544E+06 -.540800886E+06 -.500334591E+06  
-.464976325E+06  
-.434497964E+06 -.408433606E+06 -.386258874E+06 -.367472240E+06  
-.351627946E+06  
-.338345700E+06 -.327309805E+06 -.318264020E+06 -.311005221E+06  
-.305377251E+06  
-.301265523E+06 -.298592352E+06 -.297312521E+06 -.297407728E+06  
-.298876864E+06  
-.301715138E+06 -.305865773E+06 -.311105201E+06 -.316764556E+06  
-.321036082E+06  
-.319189650E+06 -.298837595E+06 -.227159894E+06 -.179765930E+05 -.993181980E-  
44  
-.839194342E-44 -.417775251E-44 -.353095702E-44 -.272499773E-44 -.101837595E-  
44  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.303045232E+06 -.571936452E+06 -.680334374E+06 -.700680998E+06  
-.678251327E+06  
-.638124049E+06 -.593128830E+06 -.549353263E+06 -.509380047E+06  
-.474050240E+06  
-.443384620E+06 -.417051710E+06 -.394599024E+06 -.375562917E+06  
-.359517193E+06  
-.346091445E+06 -.334974976E+06 -.325914319E+06 -.318708313E+06  
-.313202613E+06  
-.309284289E+06 -.306876355E+06 -.305931134E+06 -.306419721E+06  
-.308311335E+06  
-.311528450E+06 -.315844665E+06 -.320645483E+06 -.324351704E+06  
-.322984590E+06

-.306480735E+06 -.249048941E+06 -.846813543E+05 -.101660563E-43 -.900773882E-44  
-.587176879E-44 -.366311926E-44 -.302615680E-44 -.169377636E-44 -.204688681E-47  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.127479639E+06 -.468607323E+06 -.626190555E+06 -.676268284E+06  
-.670623474E+06  
-.639537462E+06 -.599196171E+06 -.557665281E+06 -.518645440E+06  
-.483597334E+06  
-.452882092E+06 -.426354252E+06 -.403662515E+06 -.384397909E+06  
-.368163513E+06  
-.354604468E+06 -.343418357E+06 -.334356255E+06 -.327219602E+06  
-.321855312E+06  
-.318149858E+06 -.316021718E+06 -.315409843E+06 -.316252517E+06  
-.318443952E+06  
-.321739602E+06 -.325541927E+06 -.328400042E+06 -.326802752E+06  
-.312174944E+06  
-.263252639E+06 -.127117501E+06 -.104169967E-43 -.941314371E-44 -.693819585E-44  
-.375272236E-44 -.322183482E-44 -.212760662E-44 -.519327250E-46  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 -.325849415E+06 -.547212965E+06 -.637317070E+06  
-.654887483E+06  
-.636640922E+06 -.603142956E+06 -.565107794E+06 -.527755174E+06  
-.493396646E+06  
-.462865337E+06 -.436276783E+06 -.413423846E+06 -.393977091E+06  
-.377583366E+06  
-.363911798E+06 -.352672985E+06 -.343624774E+06 -.336571337E+06  
-.331358594E+06  
-.327866578E+06 -.325997114E+06 -.325651771E+06 -.326688488E+06  
-.328830550E+06  
-.331467390E+06 -.333203246E+06 -.330800180E+06 -.316625154E+06  
-.272356806E+06  
-.153696316E+06 -.840914680E-43 -.969286971E-44 -.762804911E-44 -.381538431E-44

-.334963470E-44 -.240757591E-44 -.579367068E-45 -.101388869E-47  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 -.129304852E+06 -.432777479E+06 -.576813083E+06  
-.626644057E+06  
-.626723768E+06 -.603299724E+06 -.570644691E+06 -.536059627E+06  
-.503037188E+06  
-.473073028E+06 -.446653325E+06 -.423778558E+06 -.404235827E+06  
-.387737408E+06  
-.373988916E+06 -.362720671E+06 -.353699802E+06 -.346731880E+06  
-.341655756E+06  
-.338331592E+06 -.336618079E+06 -.336328151E+06 -.337138806E+06  
-.338399639E+06  
-.338711435E+06 -.334966918E+06 -.320099623E+06 -.277692628E+06  
-.169214087E+06  
-.211628993E-42 -.989221453E-44 -.807736879E-44 -.385948355E-44 -.343068727E-  
44  
-.258343976E-44 -.969533923E-45 -.261931907E-47 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .268920783E+06 -.484860734E+06  
-.579404365E+06  
-.605653010E+06 -.597045031E+06 -.572597918E+06 -.542467004E+06  
-.511794222E+06  
-.483013114E+06 -.457141190E+06 -.434480509E+06 -.414989904E+06  
-.398479436E+06  
-.384709626E+06 -.373439737E+06 -.364448302E+06 -.357537322E+06  
-.352524253E+06  
-.349220018E+06 -.347383748E+06 -.346631409E+06 -.346246493E+06  
-.344774477E+06  
-.339124739E+06 -.322521685E+06 -.279738827E+06 -.176130548E+06 -.296119956E-  
42  
-.100340766E-43 -.835991909E-44 -.453609252E-44 -.347636438E-44 -.268396472E-  
44  
-.120545131E-44 -.364925993E-47 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .389634383E+05 -.348283705E+06  
 -.503895532E+06  
 -.567241488E+06 -.580314978E+06 -.568283965E+06 -.545174387E+06  
 -.518426200E+06  
 -.491804462E+06 -.467092387E+06 -.445032551E+06 -.425837807E+06  
 -.409464210E+06  
 -.395754030E+06 -.384507577E+06 -.375514672E+06 -.368560378E+06  
 -.363408839E+06  
 -.359758976E+06 -.357151199E+06 -.354775978E+06 -.351073265E+06  
 -.342868901E+06  
 -.323459361E+06 -.278289072E+06 -.175313230E+06 -.365853356E-42  
 -.101266465E-43  
 -.851284080E-44 -.496310902E-44 -.349167148E-44 -.272479535E-44  
 -.132637902E-44  
 -.428015652E-47 -.438959768E-48 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .151614487E+06  
 -.387579857E+06  
 -.502491971E+06 -.546916910E+06 -.553464567E+06 -.541241774E+06  
 -.520842406E+06  
 -.497910880E+06 -.475332880E+06 -.454495167E+06 -.435986533E+06  
 -.419980327E+06  
 -.406438989E+06 -.395218382E+06 -.386112696E+06 -.378858009E+06  
 -.373095922E+06  
 -.368280552E+06 -.363482710E+06 -.356985689E+06 -.345435796E+06  
 -.322012970E+06  
 -.272431902E+06 -.166344498E+06 -.303509823E-42 -.101664122E-43  
 -.854873639E-44  
 -.513612022E-44 -.347695537E-44 -.271286928E-44 -.135420676E-44  
 -.460907076E-47  
 -.129227937E-47 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00



.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-214950255E+06  
-398926307E+06 -487666335E+06 -521557724E+06 -525934707E+06  
-515565853E+06  
-498696802E+06 -479784076E+06 -461151015E+06 -443940247E+06  
-428646165E+06  
-415404584E+06 -404140839E+06 -394629145E+06 -386483826E+06  
-379076091E+06  
-371335980E+06 -361339167E+06 -345455553E+06 -316573219E+06  
-260353145E+06  
-147507953E+06 -199526950E-42 -101381571E-43 -846056279E-44 -507641737E-  
44  
-342854429E-44 -264867743E-44 -129916968E-44 -467822780E-47 -168121489E-  
47  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00 -110973504E-  
44  
-240702713E+06 -389583514E+06 -462630043E+06 -491768770E+06  
-496893978E+06  
-489699324E+06 -476820942E+06 -461920462E+06 -446945501E+06  
-432857482E+06  
-420034613E+06 -408475622E+06 -397869241E+06 -387548377E+06  
-376302734E+06  
-361958537E+06 -340515842E+06 -304397854E+06 -238939174E+06  
-115507955E+06  
-646981685E-43 -100124237E-43 -822197172E-44 -477305400E-44 -333867689E-  
44  
-252719620E-44 -116284802E-44 -448481167E-47 -165418511E-47  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

























-.128249769E+01 .132394077E+01 -.132394077E+01 .136538385E+01  
-.136538385E+01  
.140682692E+01 -.140682692E+01 .144827000E+01 -.144827000E+01  
.148971308E+01  
-.148971308E+01 .153115615E+01 -.153115615E+01 .157259923E+01  
-.157259923E+01  
.161404231E+01 -.161404231E+01 .165548538E+01 -.165548538E+01  
.169692846E+01  
-.169692846E+01 .193351000E+01 -.193351000E+01 .193351000E+01  
-.193351000E+01  
.185264000E+01 -.185264000E+01 .185264000E+01 -.185264000E+01  
.163351000E+01  
-.163351000E+01 .163351000E+01 -.163351000E+01 .163351000E+01  
-.163351000E+01  
.155264000E+01 -.155264000E+01 .155264000E+01 -.155264000E+01  
.155264000E+01  
-.155264000E+01 .727480000E+00 -.727480000E+00 .646610000E+00  
-.646610000E+00  
.565740000E+00 -.565740000E+00 .888545833E-02 -.888545833E-02 .266463750E-  
01  
-.266463750E-01 .444072917E-01 -.444072917E-01 .621682083E-01 -.621682083E-  
01  
.799291250E-01 -.799291250E-01 .976900417E-01 -.976900417E-01  
.115450958E+00  
-.115450958E+00 .133211875E+00 -.133211875E+00 .150972792E+00  
-.150972792E+00  
.168733708E+00 -.168733708E+00 .186494625E+00 -.186494625E+00  
.204255542E+00  
-.204255542E+00 .222016458E+00 -.222016458E+00 .239777375E+00  
-.239777375E+00  
.257538292E+00 -.257538292E+00 .275299208E+00 -.275299208E+00  
.293060125E+00  
-.293060125E+00 .310821042E+00 -.310821042E+00 .328581958E+00  
-.328581958E+00  
.346342875E+00 -.346342875E+00 .364103792E+00 -.364103792E+00  
.381864708E+00  
-.381864708E+00 .399625625E+00 -.399625625E+00 .417386542E+00  
-.417386542E+00  
.435147458E+00 -.435147458E+00 .452908375E+00 -.452908375E+00  
.470669292E+00  
-.470669292E+00 .488430208E+00 -.488430208E+00 .506191125E+00  
-.506191125E+00  
.523952042E+00 -.523952042E+00 .541712958E+00 -.541712958E+00  
.559473875E+00  
-.559473875E+00 .577234792E+00 -.577234792E+00 .594995708E+00  
-.594995708E+00  
.612756625E+00 -.612756625E+00 .630517542E+00 -.630517542E+00  
.648278458E+00  
-.648278458E+00 .666039375E+00 -.666039375E+00 .683800292E+00  
-.683800292E+00  
.701561208E+00 -.701561208E+00 .719322125E+00 -.719322125E+00  
.737083042E+00  
-.737083042E+00 .754843958E+00 -.754843958E+00 .772604875E+00  
-.772604875E+00

.790365792E+00 -.790365792E+00 .808126708E+00 -.808126708E+00  
.825887625E+00  
-.825887625E+00 .843648542E+00 -.843648542E+00 .861409458E+00  
-.861409458E+00  
.879170375E+00 -.879170375E+00 .896931292E+00 -.896931292E+00  
.914692208E+00  
-.914692208E+00 .932453125E+00 -.932453125E+00 .950214042E+00  
-.950214042E+00  
.967974958E+00 -.967974958E+00 .985735875E+00 -.985735875E+00  
.100349679E+01  
-.100349679E+01 .102125771E+01 -.102125771E+01 .103901862E+01  
-.103901862E+01  
.105677954E+01 -.105677954E+01 .107454046E+01 -.107454046E+01  
.109230138E+01  
-.109230138E+01 .111006229E+01 -.111006229E+01 .112782321E+01  
-.112782321E+01  
.114558413E+01 -.114558413E+01 .116334504E+01 -.116334504E+01  
.118110596E+01  
-.118110596E+01 .119886687E+01 -.119886687E+01 .121662779E+01  
-.121662779E+01  
.123438871E+01 -.123438871E+01 .125214963E+01 -.125214963E+01  
.126991054E+01  
-.126991054E+01 .128767146E+01 -.128767146E+01 .130543238E+01  
-.130543238E+01  
.132319329E+01 -.132319329E+01 .134095421E+01 -.134095421E+01  
.135871513E+01  
-.135871513E+01 .137647604E+01 -.137647604E+01 .139423696E+01  
-.139423696E+01  
.141199788E+01 -.141199788E+01 .142975879E+01 -.142975879E+01  
.144751971E+01  
-.144751971E+01 .146528063E+01 -.146528063E+01 .148304154E+01  
-.148304154E+01  
.150080246E+01 -.150080246E+01 .151856338E+01 -.151856338E+01  
.153632429E+01  
-.153632429E+01 .155408521E+01 -.155408521E+01 .157184612E+01  
-.157184612E+01  
.158960704E+01 -.158960704E+01 .160736796E+01 -.160736796E+01  
.162512888E+01  
-.162512888E+01 .164288979E+01 -.164288979E+01 .166065071E+01  
-.166065071E+01  
.167841163E+01 -.167841163E+01 .169617254E+01 -.169617254E+01  
.171393346E+01  
-.171393346E+01 .173169438E+01 -.173169438E+01 .174945529E+01  
-.174945529E+01  
.176721621E+01 -.176721621E+01 .178497713E+01 -.178497713E+01  
.180273804E+01  
-.180273804E+01 .182049896E+01 -.182049896E+01 .183825988E+01  
-.183825988E+01  
.185602079E+01 -.185602079E+01 .187378171E+01 -.187378171E+01  
.189154263E+01  
-.189154263E+01 .190930354E+01 -.190930354E+01 .192706446E+01  
-.192706446E+01  
.194482538E+01 -.194482538E+01 .196258629E+01 -.196258629E+01  
.198034721E+01







```

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00
.000000000E+00
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00
.000000000E+00
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00
.000000000E+00
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00
.000000000E+00
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00
.000000000E+00
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00
.000000000E+00
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00
.000000000E+00
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00
.000000000E+00
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00
.000000000E+00
.000000000E+00 .000000000E+00
4
14
.177340000E+00 .000000000E+00 .177340000E+00 .619070000E+00
.179000000E+00
.715410000E+00 .183810000E+00 .809590000E+00 .184930000E+00
.825490000E+00
.188490000E+00 .896690000E+00 .198630000E+00 .961740000E+00
.210360000E+00
.104227000E+01 .218400000E+00 .110026000E+01 .231900000E+00
.116485000E+01
.245930000E+00 .122824000E+01 .256180000E+00 .129216000E+01
.256180000E+00
.160302000E+01 .509410000E+00 .160302000E+01
2
.599100000E+00 .166480000E+01 .984300000E+00 .153520000E+01
14
.177340000E+00 .000000000E+00 .177340000E+00 -.619070000E+00
.179000000E+00
-.715410000E+00 .183810000E+00 -.809590000E+00 .184930000E+00
-.825490000E+00
.188490000E+00 -.896690000E+00 .198630000E+00 -.961740000E+00
.210360000E+00
-.104227000E+01 .218400000E+00 -.110026000E+01 .231900000E+00
-.116485000E+01
.245930000E+00 -.122824000E+01 .256180000E+00 -.129216000E+01
.256180000E+00
-.160302000E+01 .509410000E+00 -.160302000E+01
2
.599100000E+00 -.166480000E+01 .984300000E+00 -.153520000E+01
0
.854000153E+00 .679000153E+00 .200003468E+01 .348322700E+00
.348322700E+00
.422187500E+00 .159375000E+01 .422187500E+00 -.159375000E+01
.196108588E+00
.000000000E+00 .206097368E+00
.499989358E-01 .122319044E+00 .199995711E+00 .299998813E+01
.100693036E+02

```

9  
 .180340000E+00 .799170000E+00 .799170000E+00 .149446000E+01  
 .149446000E+01  
 .178275000E+01 .179461000E+01 .180647000E+01 .129010000E+00  
 .144827000E+01 .193351000E+01 .185264000E+01 .163351000E+01  
 .155264000E+01  
 .727480000E+00 .646610000E+00 .565740000E+00 .106566000E+01  
 .416100000E-01 .162710000E+00 .162710000E+00 .186440000E+00  
 .186440000E+00  
 .678200000E-01 .915400000E-01 .115270000E+00 .449100000E-01  
 .538760000E+00 .679700000E-01 .679700000E-01 .679700000E-01 .679700000E-01  
 .679700000E-01 .679700000E-01 .679700000E-01 .213131000E+01  
 .150000000E+06 .000000000E+00 .000000000E+00 .624344051E+05  
 .624344051E+05  
 .229565809E+05 .321394080E+05 .413222351E+05 .000000000E+00  
 0  
 2  
 .153300000E+01 .621172389E+00  
 2  
 .000000000E+00 .135800000E+01  
 0  
 0

## Beta=25%

EQDSK 0122C 1 65 129 1  
 .170000000E+01 .340000000E+01 .980000000E+00 .130000000E+00  
 .111003717E+01 .657376130E-15 -.452789865E-01 -.446761677E-02  
 .300000000E+00  
 -.100000000E+07 .321034376E-02 .321034376E-02 .422187500E+00  
 .422187500E+00  
 .159375000E+01 -.159375000E+01 .250005723E+00 .199988177E+01  
 .122720556E+02  
 .253006880E+00 .253777198E+00 .254521334E+00 .255239461E+00  
 .255931743E+00  
 .256598334E+00 .257239379E+00 .257855014E+00 .258445364E+00  
 .259010549E+00  
 .259550678E+00 .260065852E+00 .260556166E+00 .261021706E+00  
 .261462550E+00  
 .261878769E+00 .262270428E+00 .262637584E+00 .262980288E+00  
 .263298585E+00  
 .263592513E+00 .263862103E+00 .264107384E+00 .264328376E+00  
 .264525097E+00  
 .264697559E+00 .264845770E+00 .264969737E+00 .265069463E+00  
 .265144949E+00  
 .265196196E+00 .265223208E+00 .265225989E+00 .265204548E+00  
 .265158903E+00  
 .265089078E+00 .264995114E+00 .264877066E+00 .264735014E+00  
 .264569064E+00  
 .264379359E+00 .264166086E+00 .263929490E+00 .263669880E+00  
 .263387653E+00

.263083309E+00 .262757475E+00 .262410931E+00 .262044650E+00  
.261659833E+00  
.261257962E+00 .260840861E+00 .260410768E+00 .259970422E+00  
.259523173E+00  
.259073107E+00 .258625203E+00 .258185520E+00 .257761417E+00  
.257361826E+00  
.256997569E+00 .256681742E+00 .256430167E+00 .256261929E+00  
.256200000E+00  
.167177291E+05 .164757722E+05 .162302246E+05 .159813042E+05  
.157292153E+05  
.154741502E+05 .152162893E+05 .149558022E+05 .146928484E+05  
.144275776E+05  
.141601307E+05 .138906400E+05 .136192298E+05 .133460173E+05  
.130711126E+05  
.127946191E+05 .125166344E+05 .122372505E+05 .119565539E+05  
.116746265E+05  
.113915455E+05 .111073840E+05 .108222115E+05 .105360939E+05  
.102490942E+05  
.996127288E+04 .967268792E+04 .938339567E+04 .909345110E+04  
.880290833E+04  
.851182126E+04 .822024412E+04 .792823226E+04 .763584297E+04  
.734313642E+04  
.705017687E+04 .675703396E+04 .646378429E+04 .617051336E+04  
.587731776E+04  
.558430791E+04 .529161122E+04 .499937600E+04 .470777607E+04  
.441701632E+04  
.412733944E+04 .383903396E+04 .355244393E+04 .326798068E+04  
.298613687E+04  
.270750350E+04 .243279034E+04 .216285069E+04 .189871107E+04  
.164160719E+04  
.139302716E+04 .115476377E+04 .928977404E+03 .718272003E+03  
.525786652E+03  
.355306055E+03 .211393792E+03 .995530435E+02 .264204587E+02 -.572432196E-  
12  
.310851755E+00 .301342458E+00 .291811049E+00 .282257493E+00  
.272681762E+00  
.263083830E+00 .253463678E+00 .243821293E+00 .234156669E+00  
.224469812E+00  
.214760738E+00 .205029477E+00 .195276077E+00 .185500605E+00  
.175703155E+00  
.165883851E+00 .156042850E+00 .146180356E+00 .136296624E+00  
.126391975E+00  
.116466804E+00 .106521600E+00 .965569638E-01 .865736316E-01 .765725017E-01  
.665546690E-01 .565214655E-01 .464745090E-01 .364157618E-01 .263476026E-01  
.162729115E-01 .619517411E-02 -.388139411E-02 -.139516969E-01 -.240095756E-  
01  
-.340475902E-01 -.440567549E-01 -.540262193E-01 -.639428840E-01 -.737909366E-  
01  
-.835512921E-01 -.932009181E-01 -.102712021E+00 -.112051063E+00  
-.121177579E+00  
-.130042746E+00 -.138587663E+00 -.146741267E+00 -.154417830E+00  
-.161513932E+00  
-.167904813E+00 -.173439972E+00 -.177937857E+00 -.181179465E+00  
-.182900615E+00

-.182782631E+00 -.180441106E+00 -.175412343E+00 -.167137007E+00  
-.154940397E+00  
-.138008656E+00 -.115360076E+00 -.858104764E-01 -.479314505E-01  
.000000000E+00  
-.376500087E+06 -.382308636E+06 -.387765103E+06 -.392890788E+06  
-.397705692E+06  
-.402228596E+06 -.406477134E+06 -.410467861E+06 -.414216311E+06  
-.417737063E+06  
-.421043790E+06 -.424149312E+06 -.427065643E+06 -.429804031E+06  
-.432374999E+06  
-.434788379E+06 -.437053342E+06 -.439178430E+06 -.441171568E+06  
-.443040094E+06  
-.444790761E+06 -.446429752E+06 -.447962675E+06 -.449394563E+06  
-.450729853E+06  
-.451972367E+06 -.453125278E+06 -.454191061E+06 -.455171431E+06  
-.456067267E+06  
-.456878504E+06 -.457604016E+06 -.458241453E+06 -.458787053E+06  
-.459235406E+06  
-.459579164E+06 -.459808697E+06 -.459911665E+06 -.459872500E+06  
-.459671790E+06  
-.459285516E+06 -.458684146E+06 -.457831525E+06 -.456683546E+06  
-.455186539E+06  
-.453275326E+06 -.450870876E+06 -.447877473E+06 -.444179295E+06  
-.439636296E+06  
-.434079223E+06 -.427303621E+06 -.419062583E+06 -.409058019E+06  
-.396930111E+06  
-.382244604E+06 -.364477464E+06 -.342996378E+06 -.317038437E+06  
-.285683214E+06  
-.247820290E+06 -.202110083E+06 -.146936596E+06 -.803504240E+05  
.000000000E+00  
.176144234E-02 .264196958E-02 .396501723E-02 .344707902E-02 .336885483E-02  
.335444731E-02 .337681104E-02 .343136933E-02 .351872096E-02 .364150670E-02  
.380341914E-02 .400879444E-02 .426241053E-02 .456937065E-02 .493502568E-02  
.536491565E-02 .586472162E-02 .644022438E-02 .709726898E-02 .784173544E-02  
.867951673E-02 .961650533E-02 .106585896E-01 .118116614E-01 .130816348E-01  
.144744786E-01 .159962605E-01 .176532060E-01 .194517709E-01 .213987297E-01  
.235012801E-01 .257671674E-01 .282048292E-01 .308235669E-01 .336337442E-01  
.366470212E-01 .398766242E-01 .433376558E-01 .470474401E-01 .510258868E-01  
.552958316E-01 .598832518E-01 .648171376E-01 .701285313E-01 .758476194E-01  
.819960909E-01 .885671259E-01 .954720081E-01 .102415627E+00 .108775837E+00  
.113922608E+00 .117621992E+00 .119690619E+00 .120099065E+00  
.118904691E+00  
.116353853E+00 .113144135E+00 .109858163E+00 .106754255E+00  
.103912892E+00  
.101344510E+00 .990337972E-01 .969567656E-01 .950876317E-01 .934016549E-01  
.198940848E-02 .296612657E-02 .406232684E-02 .383432711E-02 .367429098E-02  
.357500478E-02 .352314364E-02 .351201606E-02 .353969833E-02 .360712195E-02  
.371693990E-02 .387289879E-02 .407948333E-02 .434170220E-02 .466494788E-02  
.505489631E-02 .551742893E-02 .605856903E-02 .668442884E-02 .740116661E-02  
.821495440E-02 .913195761E-02 .101583277E-01 .113002088E-01 .125637598E-01  
.139551920E-01 .154808219E-01 .171471422E-01 .189609094E-01 .209292506E-01  
.230597930E-01 .253608178E-01 .278414456E-01 .305118593E-01 .333835749E-01  
.364697721E-01 .397857020E-01 .433491924E-01 .471812767E-01 .513069780E-01  
.557562827E-01 .605653329E-01 .657778453E-01 .714466850E-01 .776352924E-01

.844178921E-01 .918746959E-01 .100067724E+00 .108937547E+00  
.117836313E+00  
.123178967E+00 .127778097E+00 .129721242E+00 .129739787E+00  
.127998784E+00  
.123165709E+00 .118247005E+00 .113813466E+00 .109924622E+00  
.106530357E+00  
.103562710E+00 .100957685E+00 .986597967E-01 .966221422E-01 .948053382E-01  
.215963406E-02 .323499334E-02 .443179832E-02 .412903405E-02 .390439889E-02  
.374049896E-02 .362585174E-02 .355454884E-02 .352462229E-02 .353672118E-02  
.359324192E-02 .369778244E-02 .385479657E-02 .406936607E-02 .434704078E-02  
.469371822E-02 .511554683E-02 .561884498E-02 .621003262E-02 .689557500E-02  
.768193969E-02 .857556845E-02 .958286548E-02 .107102033E-01 .119639471E-01  
.133504975E-01 .148763524E-01 .165481886E-01 .183729629E-01 .203580364E-01  
.225113236E-01 .248414730E-01 .273580845E-01 .300719764E-01 .329955154E-01  
.361430292E-01 .395313319E-01 .431804002E-01 .471142571E-01 .513621442E-01  
.559601016E-01 .609531333E-01 .663982459E-01 .723688593E-01 .789616188E-01  
.863081855E-01 .945997905E-01 .104151045E+00 .115598489E+00  
.130585026E+00  
.133269402E+00 .140648712E+00 .141693706E+00 .141125181E+00  
.140129135E+00  
.129981786E+00 .122787921E+00 .117156842E+00 .112542511E+00  
.108671420E+00  
.105375352E+00 .102537235E+00 .100070188E+00 .979074166E-01 .959963466E-  
01  
.227792524E-02 .340357869E-02 .465220378E-02 .431220730E-02 .405192933E-02  
.384266403E-02 .367668106E-02 .355144985E-02 .346682951E-02 .342436794E-02  
.342693102E-02 .347842052E-02 .358355186E-02 .374767908E-02 .397665335E-02  
.427670388E-02 .465433362E-02 .511622641E-02 .566916503E-02 .631996170E-02  
.707540371E-02 .794221676E-02 .892704839E-02 .100364727E-01 .112770170E-01  
.126552105E-01 .141776542E-01 .158511127E-01 .176826280E-01 .196796567E-01  
.218502357E-01 .242031808E-01 .267483282E-01 .294968305E-01 .324615269E-01  
.356574119E-01 .391022401E-01 .428173205E-01 .468285786E-01 .511680036E-01  
.558756639E-01 .610025727E-01 .666148639E-01 .728000453E-01 .796766839E-01  
.874101543E-01 .962405291E-01 .106540500E+00 .118970215E+00  
.135023412E+00  
.138140992E+00 .145912802E+00 .146979893E+00 .146207577E+00  
.144784830E+00  
.133699612E+00 .125660745E+00 .119400706E+00 .114349701E+00  
.110181373E+00  
.106682779E+00 .103705459E+00 .101141697E+00 .989109884E-01 .969516266E-  
01  
.235422778E-02 .345665184E-02 .459028910E-02 .437764166E-02 .412205082E-02  
.388258356E-02 .367339298E-02 .349891834E-02 .336195005E-02 .326555424E-02  
.321350827E-02 .321034376E-02 .326128028E-02 .337212913E-02 .354918940E-02  
.379914251E-02 .412894729E-02 .454573790E-02 .505672856E-02 .566912954E-02  
.639007977E-02 .722660063E-02 .818557383E-02 .927374508E-02 .104977539E-01  
.118641884E-01 .133796645E-01 .150509271E-01 .168849746E-01 .188892065E-01  
.210715994E-01 .234409162E-01 .260069581E-01 .287808743E-01 .317755467E-01  
.350060806E-01 .384904380E-01 .422502760E-01 .463120737E-01 .507086834E-01  
.554815086E-01 .606836296E-01 .663843799E-01 .726761356E-01 .796843229E-01  
.875812084E-01 .965996139E-01 .107019213E+00 .118987701E+00  
.131535154E+00  
.137834148E+00 .143766590E+00 .145698700E+00 .145119189E+00  
.142255637E+00

.134211438E+00 .126637333E+00 .120344159E+00 .115200924E+00  
.110961595E+00  
.107419036E+00 .104418080E+00 .101844316E+00 .996123562E-01 .976571536E-  
01  
.239795618E-02 .355654320E-02 .482644957E-02 .445636202E-02 .414821809E-02  
.386955346E-02 .361778012E-02 .339578817E-02 .320744885E-02 .305704881E-02  
.294935065E-02 .288966877E-02 .288388459E-02 .293841255E-02 .306013276E-02  
.325630058E-02 .353444128E-02 .390223727E-02 .436741629E-02 .493764935E-02  
.562046713E-02 .642320211E-02 .735296053E-02 .841662557E-02 .962089145E-02  
.109723267E-01 .124774635E-01 .141429090E-01 .159754797E-01 .179823556E-01  
.201712610E-01 .225506752E-01 .251300826E-01 .279202762E-01 .309337327E-01  
.341850845E-01 .376917281E-01 .414746218E-01 .455593531E-01 .499775972E-01  
.547691515E-01 .599848399E-01 .656907585E-01 .719746416E-01 .789556856E-01  
.868002545E-01 .957484698E-01 .106164747E+00 .118657969E+00  
.134470200E+00  
.138005265E+00 .145691062E+00 .146941014E+00 .146285107E+00  
.144814487E+00  
.134122788E+00 .126219127E+00 .120045288E+00 .115073648E+00  
.110984152E+00  
.107563272E+00 .104661207E+00 .102169213E+00 .100006130E+00 .981098708E-  
01  
.241439518E-02 .354896864E-02 .474908572E-02 .443018071E-02 .411191749E-02  
.380282633E-02 .351064177E-02 .324175604E-02 .300187297E-02 .279655345E-02  
.263155774E-02 .251303666E-02 .244761937E-02 .244242849E-02 .250504085E-02  
.264340659E-02 .286573736E-02 .318037639E-02 .359566304E-02 .411980536E-02  
.476077470E-02 .552623354E-02 .642350122E-02 .745955771E-02 .864108489E-02  
.997454181E-02 .114662672E-01 .131226038E-01 .149500402E-01 .169553705E-01  
.191458736E-01 .215295167E-01 .241151911E-01 .269129926E-01 .299345601E-01  
.331934957E-01 .367058951E-01 .404910289E-01 .445722358E-01 .489781101E-01  
.537441140E-01 .589148073E-01 .645470116E-01 .707144683E-01 .775151330E-01  
.850839384E-01 .936195064E-01 .103454070E+00 .115276793E+00  
.130947055E+00  
.133567433E+00 .141370969E+00 .142534464E+00 .142132212E+00  
.141441021E+00  
.131090862E+00 .123955510E+00 .118454182E+00 .113992194E+00  
.110279319E+00  
.107139978E+00 .104453332E+00 .102130404E+00 .100103187E+00 .983184273E-  
01  
.240830347E-02 .351052397E-02 .462311587E-02 .436300045E-02 .403117690E-02  
.368880710E-02 .335445353E-02 .303733384E-02 .274446975E-02 .248240794E-02  
.225777246E-02 .207751438E-02 .194903804E-02 .188024565E-02 .187951412E-02  
.195561295E-02 .211757498E-02 .237453735E-02 .273557094E-02 .320951506E-02  
.380484098E-02 .452956241E-02 .539119634E-02 .639676918E-02 .755286931E-02  
.886574150E-02 .103414091E-01 .119858135E-01 .138049660E-01 .158051089E-01  
.179928895E-01 .203755486E-01 .229611311E-01 .257587276E-01 .287787578E-01  
.320333096E-01 .355365522E-01 .393052467E-01 .433593815E-01 .477229706E-01  
.524250552E-01 .575009573E-01 .629938242E-01 .689564704E-01 .754533843E-01  
.825622453E-01 .903720210E-01 .989639024E-01 .108307966E+00 .117741791E+00  
.123362841E+00 .128321188E+00 .130546935E+00 .130854709E+00  
.129410401E+00  
.124698160E+00 .119954110E+00 .115743248E+00 .112096638E+00  
.108947333E+00  
.106219098E+00 .103843726E+00 .101763370E+00 .999297121E-01 .983025602E-  
01

.238325507E-02 .353793677E-02 .481667482E-02 .433003592E-02 .392308147E-02  
.353257336E-02 .315113119E-02 .278301379E-02 .243474568E-02 .211332160E-02  
.182601737E-02 .158049815E-02 .138493437E-02 .124805930E-02 .117915150E-02  
.118793933E-02 .128443717E-02 .147874040E-02 .178080393E-02 .220021815E-02  
.274602499E-02 .342661034E-02 .424966659E-02 .522220120E-02 .635060614E-02  
.764078608E-02 .909831029E-02 .107285730E-01 .125369556E-01 .145289891E-01  
.167105172E-01 .190878640E-01 .216680114E-01 .244587905E-01 .274690964E-01  
.307091293E-01 .341906694E-01 .379273883E-01 .419351951E-01 .462326031E-01  
.508410797E-01 .557852854E-01 .610929996E-01 .667942789E-01 .729188236E-01  
.794891404E-01 .865035649E-01 .938943652E-01 .101426882E+00 .108488973E+00  
.113917314E+00 .118068272E+00 .120499643E+00 .121319474E+00  
.120595446E+00  
.118258325E+00 .115345993E+00 .112404585E+00 .109649752E+00  
.107148280E+00  
.104906034E+00 .102905296E+00 .101120381E+00 .995242449E-01 .980912612E-  
01  
.234002830E-02 .341499219E-02 .450897800E-02 .416078827E-02 .375370880E-02  
.332826312E-02 .290008205E-02 .247872933E-02 .207220868E-02 .168820943E-02  
.133459024E-02 .101965081E-02 .752303088E-03 .542155658E-03 .399502262E-03  
.335201860E-03 .360452889E-03 .486518750E-03 .724443090E-03 .108472648E-02  
.157706266E-02 .221022182E-02 .299204106E-02 .392942208E-02 .502842050E-02  
.629444368E-02 .773244667E-02 .934711975E-02 .111430618E-01 .131249423E-01  
.152976503E-01 .176664363E-01 .202370483E-01 .230158700E-01 .260100587E-01  
.292276843E-01 .326778631E-01 .363708718E-01 .403182180E-01 .445326145E-01  
.490277662E-01 .538177959E-01 .589159915E-01 .643322800E-01 .700683108E-01  
.761080635E-01 .824002547E-01 .888268974E-01 .951541857E-01 .100985784E+00  
.105836421E+00 .109593827E+00 .112092464E+00 .113328924E+00  
.113367596E+00  
.112349879E+00 .110718886E+00 .108833333E+00 .106907719E+00  
.105052879E+00  
.103318770E+00 .101722318E+00 .100263343E+00 .989333170E-01 .977201209E-  
01  
.228027562E-02 .332421168E-02 .437130955E-02 .400259288E-02 .355590033E-02  
.308355018E-02 .260321407E-02 .212481099E-02 .165649599E-02 .120617293E-02  
.782039633E-03 .392894056E-03 .483395296E-04 -.241100026E-03 -.463976636E-  
03  
-.608068474E-03 -.660725182E-03 -.609248862E-03 -.441212142E-03 -.144976363E-  
03  
.289882993E-03 .872495595E-03 .161081615E-02 .251152750E-02 .358013577E-02  
.482134819E-02 .623931843E-02 .783786524E-02 .962065373E-02 .115913556E-01  
.137537810E-01 .161119874E-01 .186703727E-01 .214337554E-01 .244074393E-01  
.275972551E-01 .310095645E-01 .346512045E-01 .385293288E-01 .426510816E-01  
.470229867E-01 .516498691E-01 .565329994E-01 .616669655E-01 .670344973E-01  
.725981291E-01 .782874468E-01 .839816681E-01 .894921150E-01 .945626604E-01  
.989271666E-01 .102434114E+00 .104980286E+00 .106547175E+00  
.107187822E+00  
.107032596E+00 .106317466E+00 .105271354E+00 .104064857E+00  
.102808661E+00  
.101568189E+00 .100378677E+00 .992565108E-01 .982068294E-01 .972283877E-01  
.220412360E-02 .328657803E-02 .448958035E-02 .387072675E-02 .333208371E-02  
.279867911E-02 .226041047E-02 .172100684E-02 .118716897E-02 .666478111E-03  
.167199285E-03 -.301534612E-03 -.729502753E-03 -.110523387E-02 -.141595149E-  
02

-.164771883E-02 -.178606453E-02 -.181656382E-02 -.172492687E-02 -.149800414E-02  
-.112461392E-02 -.595432143E-03 .976723789E-04 .961035897E-03 .199921732E-02  
.321597159E-02 .461443384E-02 .619737784E-02 .796738637E-02 .992701649E-02  
.120789071E-01 .144258472E-01 .169708219E-01 .197170382E-01 .226679225E-01  
.258270778E-01 .291981820E-01 .327847999E-01 .365900627E-01 .406161479E-01  
.448634523E-01 .493293028E-01 .540059767E-01 .588777177E-01 .639163678E-01  
.690752772E-01 .742815709E-01 .794281704E-01 .843699662E-01 .889331090E-01  
.929471671E-01 .962893241E-01 .988835396E-01 .100710732E+00 .101808041E+00  
.102267954E+00 .102232564E+00 .101851565E+00 .101252113E+00  
.100529184E+00  
.997479248E-01 .989501478E-01 .981609604E-01 .973941663E-01 .966562581E-01  
.210985012E-02 .307781143E-02 .403083141E-02 .358533618E-02 .304276142E-02  
.246451500E-02 .186928067E-02 .126652043E-02 .663803091E-03 .686661644E-04  
-.510682469E-03 -.106493765E-02 -.158336843E-02 -.205356205E-02 -.246123255E-02  
-.279009290E-02 -.302329077E-02 -.314461879E-02 -.313697016E-02 -.298493745E-02  
-.267677419E-02 -.220368100E-02 -.155679343E-02 -.730188548E-03 .278746681E-03  
.147262833E-02 .285331952E-02 .442238971E-02 .618118898E-02 .813106930E-02  
.102734478E-01 .126098160E-01 .151417372E-01 .178708243E-01 .207986819E-01  
.239267964E-01 .272563558E-01 .307879713E-01 .345212613E-01 .384542376E-01  
.425824128E-01 .468975177E-01 .513856952E-01 .560250224E-01 .607822612E-01  
.656089129E-01 .704370993E-01 .751766780E-01 .797163193E-01 .839322167E-01  
.877060726E-01 .909455793E-01 .935926722E-01 .956294304E-01 .970788781E-01  
.980021584E-01 .984898525E-01 .986423075E-01 .985523356E-01 .982962650E-01  
.979320123E-01 .975009877E-01 .970313864E-01 .965415362E-01 .960427597E-01  
.199669980E-02 .293528923E-02 .389240132E-02 .333444247E-02 .272610166E-02  
.208803686E-02 .143069321E-02 .761315746E-03 .864071649E-04 -.587199644E-03  
-.125171309E-02 -.189790984E-02 -.251473069E-02 -.308894275E-02 -.360481477E-02  
-.404225569E-02 -.438087073E-02 -.460424653E-02 -.468991013E-02 -.461837143E-02  
-.437817279E-02 -.396409809E-02 -.336358220E-02 -.257084142E-02 -.158855159E-02  
-.414462960E-03 .951566063E-03 .250984308E-02 .426028354E-02 .620299217E-02  
.833817509E-02 .106660465E-01 .131867853E-01 .159004813E-01 .188070363E-01  
.219060054E-01 .251963629E-01 .286761737E-01 .323421361E-01 .361889536E-01  
.402084790E-01 .443885686E-01 .487115844E-01 .531525127E-01 .576767483E-01  
.622377673E-01 .667752320E-01 .712145283E-01 .754691809E-01 .794474907E-01  
.830632080E-01 .862469069E-01 .889533024E-01 .911655476E-01 .928960263E-01  
.941837277E-01 .950876364E-01 .956759817E-01 .960159054E-01 .961666740E-01  
.961767440E-01 .960835705E-01 .959148899E-01 .956905518E-01 .954243692E-01  
.186134605E-02 .278341058E-02 .378361371E-02 .306005930E-02 .236909678E-02  
.166537399E-02 .943247951E-03 .205131641E-03 -.544582417E-03 -.130031301E-02  
-.205506136E-02 -.279999016E-02 -.352395167E-02 -.421312277E-02 -.485205586E-02  
-.541274904E-02 -.586713845E-02 -.619518516E-02 -.637793359E-02 -.639795966E-02  
-.624030632E-02 -.589136523E-02 -.533669324E-02 -.456922606E-02 -.361033349E-02



-.245100939E-02 -.109510751E-02 .457003340E-03 .220324686E-02 .414259709E-02  
.627416525E-02 .859695008E-02 .111098149E-01 .138114365E-01 .167001803E-01  
.197739045E-01 .230296936E-01 .264635083E-01 .300697294E-01 .338405674E-01  
.377653028E-01 .418293317E-01 .460130050E-01 .502902894E-01 .546273593E-01  
.589813538E-01 .632997237E-01 .675207887E-01 .715762102E-01 .753958103E-01  
.789142940E-01 .820782276E-01 .848513091E-01 .872174826E-01 .891815755E-01  
.907673853E-01 .920132367E-01 .929655765E-01 .936725313E-01 .941790403E-01  
.945240789E-01 .947396735E-01 .948511134E-01 .948777994E-01 .948343283E-01  
.169892782E-02 .250257115E-02 .328270837E-02 .266349115E-02 .194644723E-02  
.118905901E-02 .404773194E-03 -.401999513E-03 -.122793265E-02 -.206876541E-02  
-.291857379E-02 -.376924637E-02 -.460978626E-02 -.542465090E-02 -.617675204E-02  
-.683931889E-02 -.739015134E-02 -.781110086E-02 -.808559059E-02 -.819778784E-02  
-.813231109E-02 -.787362180E-02 -.740580583E-02 -.671544592E-02 -.579589209E-02  
-.464206470E-02 -.329092587E-02 -.173826119E-02 .912553643E-05 .195003755E-02  
.408276544E-02 .640513359E-02 .891475589E-02 .116090324E-01 .144849937E-01  
.175390676E-01 .207667906E-01 .241624580E-01 .277186975E-01 .314259446E-01  
.352718064E-01 .392403062E-01 .433110277E-01 .474582120E-01 .516499221E-01  
.558474725E-01 .600054146E-01 .640724364E-01 .679935024E-01 .717133250E-01  
.751807965E-01 .783535100E-01 .812013887E-01 .837088964E-01 .858755457E-01  
.877146403E-01 .892503978E-01 .905139604E-01 .915392497E-01 .923595408E-01  
.930051774E-01 .935024128E-01 .938731232E-01 .941350805E-01 .943025155E-01  
.150430875E-02 .226793607E-02 .307782339E-02 .228011320E-02 .148125392E-02  
.661733011E-03 -.184238417E-03 -.105860525E-02 -.196101605E-02 -.288908238E-02  
-.383830766E-02 -.480183775E-02 -.575862952E-02 -.667162955E-02 -.751167064E-02  
-.825639581E-02 -.888757015E-02 -.938953617E-02 -.974772403E-02 -.994776089E-02  
-.997493622E-02 -.981377121E-02 -.944793625E-02 -.886108796E-02 -.803802147E-02  
-.696537250E-02 -.564127405E-02 -.407651326E-02 -.232245788E-02 -.374244272E-02  
.176556274E-02 .409337188E-02 .660556747E-02 .929844104E-02 .121679277E-01  
.152093126E-01 .184169252E-01 .217838057E-01 .253013254E-01 .289587449E-01  
.327427029E-01 .366366434E-01 .406202097E-01 .446686642E-01 .487524345E-01  
.528369319E-01 .568828304E-01 .608470051E-01 .646842663E-01 .683498705E-01  
.718025386E-01 .750074844E-01 .779389039E-01 .805815366E-01 .829310788E-01  
.849934058E-01 .867827388E-01 .883191078E-01 .896256386E-01 .907261673E-01  
.916434827E-01 .923982631E-01 .930086148E-01 .934900460E-01 .938557054E-01  
.126830642E-02 .193830364E-02 .266173976E-02 .179676033E-02 .945741895E-03  
.766917414E-04 -.823811828E-03 -.176185848E-02 -.273942501E-02 -.375579746E-02  
-.480794848E-02 -.587593182E-02 -.691897889E-02 -.790643519E-02 -.881488499E-02  
-.962601572E-02 -.103246384E-01 -.108972620E-01 -.113309890E-01 -.116127545E-01  
-.117288081E-01 -.116643476E-01 -.114033571E-01 -.109287543E-01 -.102227035E-01

-.926723097E-02 -.804694954E-02 -.655203128E-02 -.479192396E-02 -.282981374E-02  
.675625350E-03 .166464431E-02 .418624169E-02 .688463004E-02 .975494997E-02  
.127916497E-01 .159881764E-01 .193366786E-01 .228276891E-01 .264497717E-01  
.301891280E-01 .340291775E-01 .379501435E-01 .419286987E-01 .459377501E-01  
.499464665E-01 .539206637E-01 .578236541E-01 .616176104E-01 .652653915E-01  
.687326437E-01 .719898778E-01 .750141920E-01 .777903819E-01 .803112832E-01  
.825773192E-01 .845953512E-01 .863770594E-01 .879371652E-01 .892917976E-01  
.904572063E-01 .914489007E-01 .922811875E-01 .929670216E-01 .935180642E-01  
.981018304E-03 .149012129E-02 .199316880E-02 .119075808E-02 .331564606E-03  
-.566320647E-03 -.151022486E-02 -.250611958E-02 -.355634776E-02 -.466117280E-02  
-.580770455E-02 -.695085167E-02 -.805676697E-02 -.910032102E-02 -.100624173E-01  
-.109278832E-01 -.116838391E-01 -.123185112E-01 -.128203587E-01 -.131774450E-01  
-.133769859E-01 -.134050195E-01 -.132461956E-01 -.128836899E-01 -.122992171E-01  
-.114732491E-01 -.103858930E-01 -.901860547E-02 -.735972423E-02 -.541673849E-02  
-.323849334E-02 -.877685839E-03 .166086772E-02 .437236469E-02 .725152971E-02  
.102922818E-01 .134874760E-01 .168286716E-01 .203058953E-01 .239073794E-01  
.276192742E-01 .314253486E-01 .353067153E-01 .392416250E-01 .432053919E-01  
.471705189E-01 .511070917E-01 .549834974E-01 .587674755E-01 .624274506E-01  
.659340165E-01 .692613827E-01 .723885809E-01 .753002638E-01 .779869930E-01  
.804450002E-01 .826754870E-01 .846836094E-01 .864773370E-01 .880663720E-01  
.894612644E-01 .906727862E-01 .917115601E-01 .925878975E-01 .933117753E-01  
.637570132E-03 .102220109E-02 .149333967E-02 .536295392E-03 -.342698475E-03  
-.125638905E-02 -.223367703E-02 -.328206129E-02 -.440224096E-02 -.559162215E-02  
-.680356173E-02 -.799940152E-02 -.915079965E-02 -.102368660E-01 -.112416686E-01  
-.121523478E-01 -.129577424E-01 -.136474031E-01 -.142108775E-01 -.146371865E-01  
-.149144325E-01 -.150295006E-01 -.149678324E-01 -.147132629E-01 -.142479133E-01  
-.135521895E-01 -.126050355E-01 -.113846572E-01 -.987058889E-02 -.804822121E-02  
-.591888331E-02 -.352951464E-02 -.966299420E-03 .176619817E-02 .466262534E-02  
.771662811E-02 .109206928E-01 .142660135E-01 .177423546E-01 .213378836E-01  
.250389708E-01 .288299795E-01 .326930836E-01 .366081537E-01 .405527561E-01  
.445023100E-01 .484304442E-01 .523095762E-01 .561117100E-01 .598094063E-01  
.633768356E-01 .667907946E-01 .700315563E-01 .730834497E-01 .759351028E-01  
.785793415E-01 .810127902E-01 .832352669E-01 .852490940E-01 .870584395E-01  
.886687753E-01 .900864945E-01 .913186838E-01 .923730174E-01 .932577231E-01  
.256978875E-03 .327577019E-03 .261471481E-03 -.312509244E-03 -.108304407E-02  
-.197842078E-02 -.297900386E-02 -.407736879E-02 -.526849135E-02 -.651518022E-02  
-.777147771E-02 -.900396601E-02 -.101885139E-01 -.113073728E-01 -.123469083E-01

-.132959492E-01 -.141446142E-01 -.148834780E-01 -.155029683E-01 -.159929186E-01  
-.163422245E-01 -.165385713E-01 -.165682096E-01 -.164157684E-01 -.160640991E-01  
-.154941702E-01 -.146850680E-01 -.136142085E-01 -.122580408E-01 -.105937366E-01  
-.860341280E-02 -.628620121E-02 -.369097986E-02 -.929626201E-03 .199264062E-02  
.506934597E-02 .829273085E-02 .116537504E-01 .151420601E-01 .187459457E-01  
.224521876E-01 .262459037E-01 .301104194E-01 .340272029E-01 .379758957E-01  
.419344648E-01 .458794998E-01 .497866621E-01 .536312768E-01 .573890307E-01  
.610367147E-01 .645529334E-01 .679187016E-01 .711178617E-01 .741372860E-01  
.769668618E-01 .795992950E-01 .820297961E-01 .842557263E-01 .862762771E-01  
.880922335E-01 .897058402E-01 .911207537E-01 .923420453E-01 .933762042E-01  
-.101369620E-03 -.229962267E-03 -.508944160E-03 -.104991911E-02 -.179220021E-02  
-.269105861E-02 -.372288283E-02 -.487616319E-02 -.612216905E-02 -.740839957E-02  
-.869514444E-02 -.995360090E-02 -.111629777E-01 -.123079086E-01 -.133764701E-01  
-.143587535E-01 -.152458566E-01 -.160291660E-01 -.166998373E-01 -.172484036E-01  
-.176644693E-01 -.179364594E-01 -.180514045E-01 -.179947484E-01 -.177501740E-01  
-.172994510E-01 -.166223271E-01 -.156965064E-01 -.144978199E-01 -.130008171E-01  
-.111804691E-01 -.901701407E-02 -.650919870E-02 -.371137030E-02 -.754663344E-03  
.235434443E-02 .560763977E-02 .899594297E-02 .125088605E-01 .161349214E-01  
.198614598E-01 .236744620E-01 .275584539E-01 .314964560E-01 .354700200E-01  
.394593576E-01 .434435707E-01 .474009840E-01 .513095685E-01 .551474287E-01  
.588933110E-01 .625270855E-01 .660301491E-01 .693857160E-01 .725789746E-01  
.755971218E-01 .784293036E-01 .810665124E-01 .835014971E-01 .857287313E-01  
.877444659E-01 .895468591E-01 .911361499E-01 .925148161E-01 .936876582E-01  
-.406873957E-03 -.671686994E-03 -.107683461E-02 -.166730208E-02 -.243703890E-02  
-.336829780E-02 -.444559395E-02 -.565582902E-02 -.694140636E-02 -.825575273E-02  
-.956430280E-02 -.108420741E-01 -.120709688E-01 -.132375017E-01 -.143310873E-01  
-.153428103E-01 -.162645540E-01 -.170883772E-01 -.178060574E-01 -.184087437E-01  
-.188866798E-01 -.192289722E-01 -.194233853E-01 -.194561529E-01 -.193117972E-01  
-.189729582E-01 -.184202364E-01 -.176320707E-01 -.165846933E-01 -.152522744E-01  
-.136075551E-01 -.116237780E-01 -.928000976E-02 -.657606380E-02 -.357629085E-02  
-.425204823E-03 .286874562E-02 .629588621E-02 .984573401E-02 .135071735E-01  
.172682383E-01 .211158866E-01 .250358789E-01 .290127416E-01 .330298008E-01  
.370692796E-01 .411124624E-01 .451399235E-01 .491318106E-01 .530681622E-01  
.569292325E-01 .606957908E-01 .643493689E-01 .678724371E-01 .712485083E-01  
.744621863E-01 .774991941E-01 .803464275E-01 .829920823E-01 .854258884E-01  
.876394577E-01 .896267165E-01 .913843547E-01 .929122011E-01 .942134318E-01

-.661898125E-03 -.102991014E-02 -.153161277E-02 -.219156872E-02 -.301598027E-02  
-.400100222E-02 -.514035545E-02 -.639554171E-02 -.771176605E-02 -.904770892E-02  
-.103732055E-01 -.116665033E-01 -.129117609E-01 -.140970583E-01 -.152129231E-01  
-.162512725E-01 -.172046588E-01 -.180657248E-01 -.188268000E-01 -.194795892E-01  
-.200149207E-01 -.204225306E-01 -.206908689E-01 -.208069167E-01 -.207560062E-01  
-.205216426E-01 -.200853276E-01 -.194263932E-01 -.185218661E-01 -.173464168E-01  
-.158725272E-01 -.140712090E-01 -.119141279E-01 -.937959786E-02 -.647015959E-02  
-.326684172E-02 .788380937E-04 .355639154E-02 .715507493E-02 .108643504E-01  
.146731738E-01 .185695930E-01 .225406321E-01 .265722847E-01 .306495495E-01  
.347564957E-01 .388763643E-01 .429917036E-01 .470845326E-01 .511365173E-01  
.551291417E-01 .590438531E-01 .628621687E-01 .665657394E-01 .701363809E-01  
.735561022E-01 .768071744E-01 .798722945E-01 .827348974E-01 .853796501E-01  
.877931267E-01 .899646103E-01 .918869088E-01 .935570364E-01 .949766078E-01  
-.876239145E-03 -.132822085E-02 -.191238760E-02 -.264539709E-02 -.353603203E-02  
-.458673082E-02 -.578746034E-02 -.708249985E-02 -.842502688E-02 -.977938011E-02  
-.111194745E-01 -.124264191E-01 -.136863461E-01 -.148887051E-01 -.160250026E-01  
-.170878953E-01 -.180705365E-01 -.189660999E-01 -.197674215E-01 -.204667191E-01  
-.210553624E-01 -.215236727E-01 -.218607398E-01 -.220542455E-01 -.220902879E-01  
-.219532016E-01 -.216253742E-01 -.210870605E-01 -.203162051E-01 -.192883005E-01  
-.179763387E-01 -.163510017E-01 -.143814452E-01 -.120376757E-01 -.929758879E-02  
-.616876081E-02 -.275951746E-02 .780220745E-03 .443900975E-02 .820761854E-02  
.120763292E-01 .160343928E-01 .200700990E-01 .241708704E-01 .283233100E-01  
.325132322E-01 .367257009E-01 .409450798E-01 .451550904E-01 .493388662E-01  
.534789874E-01 .575574868E-01 .615558178E-01 .654547943E-01 .692345205E-01  
.728743554E-01 .763529687E-01 .796485647E-01 .827393455E-01 .856042706E-01  
.882241154E-01 .905827525E-01 .926684853E-01 .944751818E-01 .960029492E-01  
-.105879818E-02 -.158224332E-02 -.223984869E-02 -.304443889E-02 -.400515575E-02  
-.512829414E-02 -.638140138E-02 -.771179907E-02 -.907812488E-02 -.104494502E-02  
-.118032326E-01 -.131230926E-01 -.143969128E-01 -.156153727E-01 -.167708708E-01  
-.178567459E-01 -.188667119E-01 -.197944408E-01 -.206332444E-01 -.213758223E-01  
-.220140517E-01 -.225388012E-01 -.229397579E-01 -.232052590E-01 -.233221202E-01  
-.232754584E-01 -.230485050E-01 -.226224117E-01 -.219760523E-01 -.210858325E-01

-.199255369E-01 -.184662724E-01 -.166766629E-01 -.145237041E-01 -.119755179E-01  
-.901001074E-02 -.564340479E-02 -.202908750E-02 .169970306E-02 .553778182E-02  
.947730106E-02 .135086391E-01 .176212544E-01 .218039490E-01 .260448984E-01  
.303316245E-01 .346509644E-01 .389890413E-01 .433312284E-01 .476620941E-01  
.519653139E-01 .562235399E-01 .604182251E-01 .645294162E-01 .685355422E-01  
.724132553E-01 .761374034E-01 .796812412E-01 .830169963E-01 .861168924E-01  
.889546702E-01 .915075226E-01 .937581920E-01 .956968127E-01 .973220291E-01  
-.121636548E-02 -.180229449E-02 -.252637156E-02 -.339916560E-02 -.442900587E-02  
-.561999136E-02 -.692019693E-02 -.828278525E-02 -.967138324E-02 -.110590836E-01  
-.124263612E-01 -.137590119E-01 -.150464653E-01 -.162805120E-01 -.174543733E-01  
-.185620286E-01 -.195977240E-01 -.205556068E-01 -.214294425E-01 -.222123882E-01  
-.228967998E-01 -.234740602E-01 -.239344161E-01 -.242668169E-01 -.244587489E-01  
-.244960607E-01 -.243627772E-01 -.240408999E-01 -.235101978E-01 -.227479904E-01  
-.217289391E-01 -.204248709E-01 -.188047023E-01 -.168346356E-01 -.144791390E-01  
-.117043196E-01 -.848920250E-02 -.486523013E-02 -.106068779E-02 .285509962E-02  
.687522808E-02 .109903336E-01 .151907777E-01 .194667131E-01 .238079156E-01  
.282036462E-01 .326425443E-01 .371125270E-01 .416006727E-01 .460930701E-01  
.505746158E-01 .550287490E-01 .594371206E-01 .637792080E-01 .680319093E-01  
.721691810E-01 .761618255E-01 .799775759E-01 .835816686E-01 .869380975E-01  
.900116845E-01 .927709244E-01 .951912601E-01 .972580935E-01 .989686514E-01  
-.135390537E-02 -.199532586E-02 -.277999149E-02 -.371735569E-02 -.481655878E-02  
-.606420597E-02 -.740570452E-02 -.879759282E-02 -.102072675E-01 -.116110455E-01  
-.129918969E-01 -.143374656E-01 -.156385331E-01 -.168878873E-01 -.180795069E-01  
-.192079733E-01 -.202680402E-01 -.212543101E-01 -.221609835E-01 -.229816534E-01  
-.237091299E-01 -.243352804E-01 -.248508764E-01 -.252454400E-01 -.255070837E-01  
-.256223393E-01 -.255759728E-01 -.253507837E-01 -.249273872E-01 -.242839832E-01  
-.233961153E-01 -.222364357E-01 -.207745023E-01 -.189766940E-01 -.168064736E-01  
-.142257347E-01 -.111996972E-01 -.771439853E-02 -.384233084E-02 .158474776E-03  
.426878277E-02 .847728431E-02 .127751876E-01 .171541704E-01 .216057500E-01  
.261210341E-01 .306905633E-01 .353041612E-01 .399507570E-01 .446181532E-01  
.492927204E-01 .539589992E-01 .585992016E-01 .631926145E-01 .677149350E-01  
.721376031E-01 .764272563E-01 .805455082E-01 .844493399E-01 .880924621E-01  
.914279871E-01 .944125327E-01 .970113701E-01 .992034679E-01 .100984713E+00  
-.147503162E-02 -.216608745E-02 -.300580410E-02 -.400269961E-02 -.516586506E-02

-.646291467E-02 -.784103658E-02 -.925972810E-02 -.106894198E-01 -.121090246E-01  
-.135035575E-01 -.148622143E-01 -.161769432E-01 -.174414181E-01 -.186503088E-01  
-.197987588E-01 -.208820023E-01 -.218950775E-01 -.228326005E-01 -.236885805E-01  
-.244562584E-01 -.251279589E-01 -.256949466E-01 -.261472798E-01 -.264736559E-01  
-.266612444E-01 -.266955039E-01 -.265599801E-01 -.262360840E-01 -.257028508E-01  
-.249366817E-01 -.239110746E-01 -.225963627E-01 -.209595000E-01 -.189640164E-01  
-.165704937E-01 -.137386930E-01 -.104351988E-01 -.666094081E-02 -.255525836E-02  
.165679311E-02 .596750759E-02 .103710336E-01 .148612193E-01 .194315768E-01  
.240752180E-01 .287847314E-01 .335520197E-01 .383680846E-01 .432227350E-01  
.481041939E-01 .529985769E-01 .578892193E-01 .627558410E-01 .675735546E-01  
.723117711E-01 .769331254E-01 .813926656E-01 .856377180E-01 .896090351E-01  
.932439642E-01 .964822155E-01 .992740294E-01 .101588956E+00 .103421738E+00  
-.158241915E-02 -.231804419E-02 -.320763924E-02 -.425858817E-02 -.547863339E-02  
-.681925963E-02 -.823009315E-02 -.967336821E-02 -.111220480E-01 -.125571605E-01  
-.139653948E-01 -.153372411E-01 -.166656446E-01 -.179450580E-01 -.191707748E-01  
-.203384571E-01 -.214437912E-01 -.224822280E-01 -.234487799E-01 -.243378516E-01  
-.251430923E-01 -.258572584E-01 -.264720781E-01 -.269781122E-01 -.273646056E-01  
-.276193238E-01 -.277283730E-01 -.276759978E-01 -.274443570E-01 -.270132757E-01  
-.263599753E-01 -.254587849E-01 -.242808448E-01 -.227938255E-01 -.209617236E-01  
-.187449005E-01 -.161008551E-01 -.129873028E-01 -.937319829E-02 -.528061281E-02  
-.958938810E-03 .345985785E-02 .797504767E-02 .125826856E-01 .172783438E-01  
.220572596E-01 .269142277E-01 .318434373E-01 .368382424E-01 .418908344E-01  
.469917862E-01 .521294268E-01 .572890073E-01 .624516139E-01 .675927993E-01  
.726809356E-01 .776753716E-01 .825246293E-01 .871651504E-01 .915215183E-01  
.955095762E-01 .990440913E-01 .102051746E+00 .104487135E+00  
.106344419E+00  
-.167808944E-02 -.245389888E-02 -.338885961E-02 -.448922137E-02 -.575854809E-02  
-.713722626E-02 -.857717156E-02 -.100429328E-01 -.115095385E-01 -.129597265E-01  
-.143815493E-01 -.157665689E-01 -.171085763E-01 -.184027015E-01 -.196447951E-01  
-.208309932E-01 -.219574020E-01 -.230198610E-01 -.240137572E-01 -.249338698E-01  
-.257742344E-01 -.265280142E-01 -.271873734E-01 -.277433446E-01 -.281856855E-01  
-.285027203E-01 -.286811621E-01 -.287059119E-01 -.285598329E-01 -.282234976E-01

-.276749091E-01 -.268891988E-01 -.258383063E-01 -.244906560E-01 -.228108609E-01  
-.207595340E-01 -.182934254E-01 -.153665988E-01 -.119352474E-01 -.797700028E-02  
-.357444800E-02 .953147545E-03 .558388415E-02 .103132551E-01 .151387418E-01  
.200578124E-01 .250676251E-01 .301648775E-01 .353455897E-01 .406047732E-01  
.459359472E-01 .513304504E-01 .567764831E-01 .622577963E-01 .677519380E-01  
.732279705E-01 .786436223E-01 .839419909E-01 .890482601E-01 .938676102E-01  
.982866914E-01 .102182469E+00 .105442413E+00 .107995033E+00  
.109835675E+00  
-.176357017E-02 -.257572748E-02 -.355229195E-02 -.469958837E-02 -.600950773E-02  
-.742083434E-02 -.888651852E-02 -.103727636E-01 -.118561988E-01 -.133209208E-01  
-.147560838E-01 -.161541331E-01 -.175095723E-01 -.188181163E-01 -.200761088E-01  
-.212801147E-01 -.224266273E-01 -.235118484E-01 -.245315168E-01 -.254807651E-01  
-.263539924E-01 -.271447456E-01 -.278455989E-01 -.284480277E-01 -.289422715E-01  
-.293171792E-01 -.295600351E-01 -.296563588E-01 -.295896795E-01 -.293412794E-01  
-.288899085E-01 -.282114702E-01 -.272786835E-01 -.260607292E-01 -.245228966E-01  
-.226262698E-01 -.203275591E-01 -.175794205E-01 -.143325036E-01 -.105441851E-01  
-.621554258E-02 -.155692706E-02 .319388671E-02 .804745865E-02 .130052057E-01  
.180671227E-01 .232328776E-01 .285018860E-01 .338731524E-01 .393449730E-01  
.449144731E-01 .505769185E-01 .563247106E-01 .621459391E-01 .680223209E-01  
.739263105E-01 .798171288E-01 .856355037E-01 .912971964E-01 .966862659E-01  
.101651175E+00 .106010977E+00 .109583849E+00 .112247264E+00  
.114003865E+00  
-.184001067E-02 -.268488682E-02 -.369902661E-02 -.488854956E-02 -.623365040E-02  
-.767344339E-02 -.916200792E-02 -.106669216E-01 -.121661018E-01 -.136447379E-01  
-.150928786E-01 -.165036973E-01 -.178722967E-01 -.191948951E-01 -.204682698E-01  
-.216893712E-01 -.228550460E-01 -.239618316E-01 -.250057954E-01 -.259824010E-01  
-.268863897E-01 -.277116689E-01 -.284511983E-01 -.290968700E-01 -.296393766E-01  
-.300680616E-01 -.303707481E-01 -.305335419E-01 -.305406051E-01 -.303738976E-01  
-.300128863E-01 -.294342211E-01 -.286113821E-01 -.275143023E-01 -.261089752E-01  
-.243570689E-01 -.222155963E-01 -.196368065E-01 -.165688695E-01 -.129595381E-01  
-.877199446E-02 -.405668756E-02 .803536141E-03 .577991427E-02 .108699624E-01  
.160750887E-01 .213973913E-01 .268391555E-01 .324026589E-01 .380899288E-01  
.439023594E-01 .498401098E-01 .559011735E-01 .620799544E-01 .683651090E-01  
.747362856E-01 .811592225E-01 .875784385E-01 .939066080E-01 .100010106E+00

.105692612E+00 .110686606E+00 .114681358E+00 .117438857E+00  
.118992523E+00  
-.190832044E-02 -.278248346E-02 -.383020006E-02 -.505715018E-02 -.643318604E-02  
-.789811217E-02 -.940716636E-02 -.109291372E-01 -.124430200E-01 -.139349035E-01  
-.153955715E-01 -.168188021E-01 -.182002033E-01 -.195364255E-01 -.208246265E-01  
-.220621012E-01 -.232460175E-01 -.243732216E-01 -.254400859E-01 -.264423834E-01  
-.273751764E-01 -.282327104E-01 -.290083078E-01 -.296942531E-01 -.302816662E-01  
-.307603579E-01 -.311186622E-01 -.313432425E-01 -.314188658E-01 -.313281434E-01  
-.310512353E-01 -.305655191E-01 -.298452237E-01 -.288610335E-01 -.275796683E-01  
-.259634517E-01 -.239698944E-01 -.215513775E-01 -.186552253E-01 -.152252798E-01  
-.112096683E-01 -.659704286E-02 -.159808789E-02 .350379027E-02 .872492143E-02  
.140713760E-01 .195481931E-01 .251607215E-01 .309147507E-01 .368164118E-01  
.428719516E-01 .490873232E-01 .554674858E-01 .620152405E-01 .687293248E-01  
.756013067E-01 .826104837E-01 .897153969E-01 .968395210E-01 .103847170E+00  
.110504823E+00 .116429683E+00 .121066588E+00 .123866033E+00  
.124990158E+00  
-.196928867E-02 -.286956021E-02 -.394711155E-02 -.520708682E-02 -.661045198E-02  
-.809772487E-02 -.962522757E-02 -.111628180E-01 -.126904112E-01 -.141948497E-01  
-.156675312E-01 -.171027403E-01 -.184965131E-01 -.198458724E-01 -.211483092E-01  
-.224014253E-01 -.236026794E-01 -.247492006E-01 -.258376437E-01 -.268640695E-01  
-.278238403E-01 -.287115194E-01 -.295207701E-01 -.302442467E-01 -.308734733E-01  
-.313987034E-01 -.318087576E-01 -.320908323E-01 -.322302761E-01 -.322103303E-01  
-.320118307E-01 -.316128698E-01 -.309884207E-01 -.301099253E-01 -.289448537E-01  
-.274562406E-01 -.256022179E-01 -.233355865E-01 -.206035726E-01 -.173483070E-01  
-.135101773E-01 -.904369480E-02 -.399493680E-02 .121618234E-02 .656262298E-02  
.120457633E-01 .176722288E-01 .234503037E-01 .293893899E-01 .354999485E-01  
.417934810E-01 .482824187E-01 .549798200E-01 .618987321E-01 .690509863E-01  
.764450133E-01 .840818992E-01 .919480911E-01 .100001255E+00 .108141166E+00  
.116146771E+00 .123540859E+00 .129344860E+00 .131997425E+00  
.132221265E+00  
-.202364562E-02 -.294713655E-02 -.405112963E-02 -.534021679E-02 -.676777677E-02  
-.827499225E-02 -.981915757E-02 -.113710666E-01 -.129114245E-01 -.144277138E-01  
-.159118504E-01 -.173585474E-01 -.187642062E-01 -.201261712E-01 -.214422258E-01



-.227102448E-01 -.239279495E-01 -.250927274E-01 -.262014936E-01 -.272505765E-01  
-.282356185E-01 -.291514809E-01 -.299921479E-01 -.307506231E-01 -.314188132E-01  
-.319873934E-01 -.324456487E-01 -.327812878E-01 -.329802216E-01 -.330263049E-01  
-.329010367E-01 -.325832185E-01 -.320485691E-01 -.312693015E-01 -.302136640E-01  
-.288454545E-01 -.271235193E-01 -.250012615E-01 -.224262384E-01 -.193401258E-01  
-.156801683E-01 -.113870903E-01 -.644475277E-02 -.109652938E-02 .437437002E-02  
.998815741E-02 .157566968E-01 .216917694E-01 .278064601E-01 .341155898E-01  
.406360335E-01 .473870089E-01 .543903069E-01 .616704066E-01 .692543702E-01  
.771713401E-01 .854513040E-01 .941224147E-01 .103204975E+00 .112695814E+00  
.122518890E+00 .132342269E+00 .140837775E+00 .142578726E+00  
.140816352E+00  
-.207208265E-02 -.301620291E-02 -.414361319E-02 -.545837370E-02 -.690738257E-02  
-.843242830E-02 -.999166347E-02 -.115566969E-01 -.131089148E-01 -.146363467E-01  
-.161313500E-01 -.175890034E-01 -.190060217E-01 -.203800283E-01 -.217090631E-01  
-.229912443E-01 -.242245298E-01 -.254065428E-01 -.265344379E-01 -.276047918E-01  
-.286135084E-01 -.295557282E-01 -.304257379E-01 -.312168714E-01 -.319213989E-01  
-.325303976E-01 -.330335987E-01 -.334192049E-01 -.336736733E-01 -.337814597E-01  
-.337247185E-01 -.334829585E-01 -.330326524E-01 -.323468030E-01 -.313944708E-01  
-.301402696E-01 -.285438405E-01 -.265593203E-01 -.241348470E-01 -.212122476E-01  
-.177274752E-01 -.136142360E-01 -.882265372E-02 -.341896876E-02 .215658307E-02  
.788986428E-02 .137896117E-01 .198697164E-01 .261465319E-01 .326389427E-01  
.393689363E-01 .463623150E-01 .536495184E-01 .612665902E-01 .692563477E-01  
.776698861E-01 .865687469E-01 .960287079E-01 .106148074E+00 .117069365E+00  
.129042078E+00 .142610556E+00 .159161756E+00 .156663194E+00  
.150180784E+00  
-.211525547E-02 -.307770788E-02 -.422586642E-02 -.556329297E-02 -.703133537E-02  
-.857233444E-02 -.101451995E-01 -.117222492E-01 -.132854583E-01 -.148233267E-01  
-.163285902E-01 -.177966409E-01 -.192244641E-01 -.206099260E-01 -.219512922E-01  
-.232468975E-01 -.244949134E-01 -.256931776E-01 -.268390652E-01 -.279293829E-01  
-.289602785E-01 -.299271548E-01 -.308245833E-01 -.316462111E-01 -.323846545E-01  
-.330313757E-01 -.335765349E-01 -.340088137E-01 -.343152024E-01 -.344807479E-01  
-.344882556E-01 -.343179444E-01 -.339470527E-01 -.333493971E-01 -.324948887E-01

-.313490136E-01 -.298722867E-01 -.280196904E-01 -.257401224E-01 -.229759228E-01  
-.196627616E-01 -.157310784E-01 -.111147827E-01 -.579865513E-02 -.103287113E-03  
.574168207E-02 .117598632E-01 .179700117E-01 .243917141E-01 .310473829E-01  
.379634525E-01 .451715430E-01 .527098443E-01 .606248756E-01 .689738052E-01  
.778276347E-01 .872758334E-01 .974337644E-01 .108456516E+00 .120570651E+00  
.134166290E+00 .150124668E+00 .171164305E+00 .167322272E+00  
.158257536E+00  
-.215378319E-02 -.313255056E-02 -.429912018E-02 -.565658535E-02 -.714152640E-02  
-.869679570E-02 -.102819752E-01 -.118700049E-01 -.134433700E-01 -.149909760E-01  
-.165058841E-01 -.179837568E-01 -.194218133E-01 -.208181314E-01 -.221711760E-01  
-.234794752E-01 -.247413925E-01 -.259549617E-01 -.271177601E-01 -.282268078E-01  
-.292784803E-01 -.302684264E-01 -.311914870E-01 -.320416060E-01 -.328117303E-01  
-.334936912E-01 -.340780637E-01 -.345539945E-01 -.349089962E-01 -.351286995E-01  
-.351965586E-01 -.350935081E-01 -.347975668E-01 -.342833925E-01 -.335217896E-01  
-.324791768E-01 -.311170249E-01 -.293912729E-01 -.272517376E-01 -.246415519E-01  
-.214967718E-01 -.177467918E-01 -.133186424E-01 -.816172243E-02 -.239474490E-02  
.353917114E-02 .965828240E-02 .159804609E-01 .225265482E-01 .293213335E-01  
.363945970E-01 .437824738E-01 .515292480E-01 .596897255E-01 .683324111E-01  
.775438006E-01 .874341728E-01 .981451044E-01 .109857512E+00 .122791622E+00  
.137155473E+00 .152838260E+00 .167905194E+00 .171501310E+00  
.165022368E+00  
-.218824728E-02 -.318158066E-02 -.436453553E-02 -.573973550E-02 -.723967041E-02  
-.880768447E-02 -.104039660E-01 -.120020014E-01 -.135847196E-01 -.151413764E-01  
-.166653133E-01 -.181524258E-01 -.196001361E-01 -.210067073E-01 -.223707798E-01  
-.236910544E-01 -.249660681E-01 -.261940330E-01 -.273727128E-01 -.284993254E-01  
-.295704587E-01 -.305819931E-01 -.315290238E-01 -.324057772E-01 -.332055160E-01  
-.339204271E-01 -.345414862E-01 -.350582938E-01 -.354588753E-01 -.357294390E-01  
-.358540877E-01 -.358144781E-01 -.355894264E-01 -.351544610E-01 -.344813239E-01  
-.335374305E-01 -.322852934E-01 -.306819230E-01 -.286782118E-01 -.262183196E-01  
-.232391133E-01 -.196699303E-01 -.154339620E-01 -.104581158E-01 -.473348577E-02  
.127225106E-02 .747586156E-02 .138909870E-01 .205387935E-01 .274454662E-01  
.346428465E-01 .421698942E-01 .500747455E-01 .584174872E-01 .672738908E-01  
.767404466E-01 .869411096E-01 .980361116E-01 .110232740E+00 .123796471E+00

.139057226E+00 .156401033E+00 .176256396E+00 .185734174E+00  
.172499749E+00  
-.221918762E-02 -.322560453E-02 -.442323748E-02 -.581411356E-02 -.732730849E-02  
-.890666551E-02 -.105129228E-01 -.121200463E-01 -.137113484E-01 -.152763866E-01  
-.168087433E-01 -.183045151E-01 -.197613002E-01 -.211775238E-01 -.225519818E-01  
-.238835292E-01 -.251708598E-01 -.264123483E-01 -.276059301E-01 -.287490064E-01  
-.298383641E-01 -.308701009E-01 -.318395532E-01 -.327412163E-01 -.335686554E-01  
-.343143997E-01 -.349698139E-01 -.355249412E-01 -.359683111E-01 -.362867046E-01  
-.364648730E-01 -.364852022E-01 -.363273228E-01 -.359676628E-01 -.353789475E-01  
-.345296532E-01 -.333834230E-01 -.318984564E-01 -.300268813E-01 -.277141205E-01  
-.248982777E-01 -.215096978E-01 -.174714822E-01 -.127051095E-01 -.716556404E-02  
-.107019011E-02 .520589621E-02 .116946936E-01 .184203010E-01 .254097409E-01  
.326955452E-01 .403175567E-01 .483251405E-01 .567801267E-01 .657607766E-01  
.753671688E-01 .857285657E-01 .970136490E-01 .109445658E+00 .123329859E+00  
.139127142E+00 .157734512E+00 .181733704E+00 .195183464E+00  
.176591584E+00  
-.224708374E-02 -.326538266E-02 -.447642946E-02 -.588097888E-02 -.740579886E-02  
-.899519508E-02 -.106103805E-01 -.122257305E-01 -.138248849E-01 -.153976583E-01  
-.169378399E-01 -.184416991E-01 -.199069872E-01 -.213322713E-01 -.227164853E-01  
-.240586217E-01 -.253575167E-01 -.266116934E-01 -.278192452E-01 -.289777441E-01  
-.300841625E-01 -.311348035E-01 -.321252316E-01 -.330501984E-01 -.339035596E-01  
-.346781743E-01 -.353657847E-01 -.359568665E-01 -.364404448E-01 -.368038687E-01  
-.370325372E-01 -.371095721E-01 -.370154336E-01 -.367274771E-01 -.362194547E-01  
-.354609662E-01 -.344168713E-01 -.330466733E-01 -.313038879E-01 -.291354057E-01  
-.264808675E-01 -.232721293E-01 -.194332157E-01 -.148827277E-01 -.954940052E-02  
-.346936653E-02 .284862609E-02 .938891095E-02 .161676223E-01 .232100890E-01  
.305478237E-01 .382194614E-01 .462728102E-01 .547676845E-01 .637797208E-01  
.734055786E-01 .837700739E-01 .950358544E-01 .107415596E+00 .121182436E+00  
.136652055E+00 .153999464E+00 .172233781E+00 .184014432E+00  
.176237031E+00  
-.227231307E-02 -.330152909E-02 -.452525807E-02 -.594136631E-02 -.747627068E-02  
-.907451150E-02 -.106976646E-01 -.123204427E-01 -.139267613E-01 -.155066534E-01  
-.170540852E-01 -.185654750E-01 -.200387072E-01 -.214724736E-01 -.228658301E-01

-.242178936E-01 -.255276285E-01 -.267936939E-01 -.280143293E-01 -.291872650E-01  
-.303096477E-01 -.313779739E-01 -.323880243E-01 -.333347956E-01 -.342124214E-01  
-.350140798E-01 -.357318791E-01 -.363567174E-01 -.368781073E-01 -.372839596E-01  
-.375603199E-01 -.376910504E-01 -.376574538E-01 -.374378373E-01 -.370070185E-01  
-.363357783E-01 -.353902730E-01 -.341314165E-01 -.325142500E-01 -.304873085E-01  
-.279919995E-01 -.249620274E-01 -.213230514E-01 -.169935201E-01 -.118918157E-01  
-.598225820E-02 .395387518E-03 .697303038E-02 .137818378E-01 .208485806E-01  
.282029113E-01 .358803224E-01 .439243847E-01 .523892778E-01 .613430758E-01  
.708722318E-01 .810879025E-01 .921351146E-01 .104206297E+00 .117561021E+00  
.132552028E+00 .149647501E+00 .169411868E+00 .192432934E+00  
.179103483E+00  
-.229513394E-02 -.333428064E-02 -.456954308E-02 -.599581596E-02 -.753957511E-02  
-.914563767E-02 -.107759066E-01 -.124053872E-01 -.140182318E-01 -.156046614E-01  
-.171587942E-01 -.186771778E-01 -.201578125E-01 -.215995001E-01 -.230014056E-01  
-.243627571E-01 -.256826359E-01 -.269598259E-01 -.281927012E-01 -.293791398E-01  
-.305164518E-01 -.316013158E-01 -.326297183E-01 -.335968892E-01 -.344972293E-01  
-.353242240E-01 -.360703371E-01 -.367268783E-01 -.372838387E-01 -.377296843E-01  
-.380511035E-01 -.382327005E-01 -.382566298E-01 -.381021697E-01 -.377452358E-01  
-.371578398E-01 -.363075046E-01 -.351566497E-01 -.336619635E-01 -.317737787E-01  
-.294354608E-01 -.265828271E-01 -.231436848E-01 -.190379805E-01 -.141812995E-01  
-.850818916E-02 -.213057131E-02 .445496369E-02 .112692815E-01 .183332751E-01  
.256718342E-01 .333151687E-01 .413002131E-01 .496724021E-01 .584879896E-01  
.678172012E-01 .777487786E-01 .883971623E-01 .999155888E-01 .112525142E+00  
.126594757E+00 .142906333E+00 .163653057E+00 .196499422E+00  
.175262950E+00  
-.231573884E-02 -.336385535E-02 -.460949519E-02 -.604480962E-02 -.759641785E-02  
-.920943564E-02 -.108460759E-01 -.124816079E-01 -.141003933E-01 -.156928175E-01  
-.172531313E-01 -.187779952E-01 -.202655116E-01 -.217145797E-01 -.231244619E-01  
-.244944868E-01 -.258238422E-01 -.271114263E-01 -.283557384E-01 -.295547938E-01  
-.307060558E-01 -.318063752E-01 -.328519334E-01 -.338381830E-01 -.347597810E-01  
-.356105088E-01 -.363831743E-01 -.370694885E-01 -.376599103E-01 -.381434523E-01

-.385074401E-01 -.387372178E-01 -.388157960E-01 -.387234369E-01 -.384371785E-01  
-.379303028E-01 -.371717575E-01 -.361255470E-01 -.347501116E-01 -.329977122E-01  
-.308138344E-01 -.281366161E-01 -.248963205E-01 -.210150187E-01 -.164074921E-01  
-.109895162E-01 -.473709317E-02 .183722183E-02 .863823892E-02 .156770232E-01  
.229724433E-01 .305481084E-01 .384326485E-01 .466605694E-01 .552733252E-01  
.643205952E-01 .738618299E-01 .839682375E-01 .947255679E-01 .106237979E+00  
.118629608E+00 .132011211E+00 .146195188E+00 .158887925E+00  
.155321351E+00  
-.233430135E-02 -.339048685E-02 -.464543035E-02 -.608881696E-02 -.764742103E-02  
-.926665124E-02 -.109090118E-01 -.125500134E-01 -.141742061E-01 -.157721211E-01  
-.173381266E-01 -.188689829E-01 -.203628828E-01 -.218188123E-01 -.232361215E-01  
-.246142300E-01 -.259524228E-01 -.272497036E-01 -.285046872E-01 -.297155172E-01  
-.308798008E-01 -.319945511E-01 -.330561344E-01 -.340602158E-01 -.350016971E-01  
-.358746448E-01 -.366721993E-01 -.373864607E-01 -.380083447E-01 -.385273998E-01  
-.389315794E-01 -.392069618E-01 -.393374123E-01 -.393041822E-01 -.390854471E-01  
-.386557867E-01 -.379856167E-01 -.370405888E-01 -.357809791E-01 -.341610853E-01  
-.321286517E-01 -.296243277E-01 -.265811706E-01 -.229242804E-01 -.185711831E-01  
-.134366875E-01 -.746634353E-02 -.878350741E-03 .590025467E-02 .128971203E-01  
.201282599E-01 .276104722E-01 .353633036E-01 .434093454E-01 .517740770E-01  
.604852026E-01 .695710346E-01 .790569339E-01 .889575080E-01 .992586556E-01  
.109873065E+00 .120522882E+00 .130429448E+00 .137602947E+00  
.138224632E+00  
-.235098849E-02 -.341441423E-02 -.467768519E-02 -.612828763E-02 -.769314519E-02  
-.931794089E-02 -.109654481E-01 -.126113986E-01 -.142405125E-01 -.158434523E-01  
-.174146910E-01 -.189510779E-01 -.204508866E-01 -.219131813E-01 -.233373908E-01  
-.247230179E-01 -.260694365E-01 -.273757472E-01 -.286406723E-01 -.298624752E-01  
-.310388978E-01 -.321671064E-01 -.332436426E-01 -.342643733E-01 -.352244347E-01  
-.361181665E-01 -.369390294E-01 -.376795001E-01 -.383309378E-01 -.388834137E-01  
-.393254969E-01 -.396439895E-01 -.398236034E-01 -.398465766E-01 -.396922268E-01  
-.393364453E-01 -.387511429E-01 -.379036612E-01 -.367561723E-01 -.352650908E-01  
-.333805216E-01 -.310457568E-01 -.281968323E-01 -.247621828E-01 -.206626757E-01

-.158136000E-01 -.101378956E-01 -.365574871E-02 .307422756E-02 .100149433E-01  
.171670194E-01 .245385018E-01 .321395927E-01 .399811626E-01 .480734056E-01  
.564236737E-01 .650326641E-01 .738875654E-01 .829494756E-01 .921297442E-01  
.101244954E+00 .109933784E+00 .117524438E+00 .122927191E+00  
.125005750E+00  
-.236596039E-02 -.343587085E-02 -.470658744E-02 -.616364202E-02 -.773409720E-02  
-.936388726E-02 -.110160313E-01 -.126664619E-01 -.143000534E-01 -.159075870E-01  
-.174836299E-01 -.190251115E-01 -.205303780E-01 -.219985641E-01 -.234291703E-01  
-.248217752E-01 -.261758340E-01 -.274905373E-01 -.287647067E-01 -.299967174E-01  
-.311844378E-01 -.323251784E-01 -.334156465E-01 -.344519006E-01 -.354293003E-01  
-.363424466E-01 -.371851075E-01 -.379501223E-01 -.386292789E-01 -.392131558E-01  
-.396909221E-01 -.400500878E-01 -.402761976E-01 -.403524651E-01 -.402593430E-01  
-.399740348E-01 -.394699558E-01 -.387161584E-01 -.376767447E-01 -.363102941E-01  
-.345693318E-01 -.323998629E-01 -.297409827E-01 -.265245856E-01 -.226752981E-01  
-.181113887E-01 -.127510526E-01 -.655367724E-02 .166688000E-03 .705215095E-02  
.141186595E-01 .213708599E-01 .288111168E-01 .364399183E-01 .442543028E-01  
.522449997E-01 .603917782E-01 .686559255E-01 .769681077E-01 .852090623E-01  
.931803985E-01 .100566388E+00 .106904451E+00 .111630723E+00  
.114344959E+00  
-.237936814E-02 -.345507751E-02 -.473244450E-02 -.619526665E-02 -.777073421E-02  
-.940500904E-02 -.110613325E-01 -.127158187E-01 -.143534818E-01 -.159652099E-01  
-.175456556E-01 -.190918206E-01 -.206021168E-01 -.220757428E-01 -.235122645E-01  
-.249113295E-01 -.262724681E-01 -.275949537E-01 -.288777003E-01 -.301191873E-01  
-.313174013E-01 -.324697885E-01 -.335732125E-01 -.346239132E-01 -.356174623E-01  
-.365487097E-01 -.374117170E-01 -.381996710E-01 -.389047716E-01 -.395180865E-01  
-.400293653E-01 -.404268057E-01 -.406967649E-01 -.408234118E-01 -.407883166E-01  
-.405699809E-01 -.401433160E-01 -.394790838E-01 -.385433239E-01 -.372967945E-01  
-.356944600E-01 -.336850533E-01 -.312107309E-01 -.282068360E-01 -.246018230E-01  
-.203176967E-01 -.152730123E-01 -.940117547E-02 -.277733546E-02 .403775172E-02  
.110150292E-01 .181465925E-01 .254265270E-01 .328464655E-01 .403930697E-01  
.480449608E-01 .557682731E-01 .635101595E-01 .711895627E-01 .786848671E-01  
.858195157E-01 .923510576E-01 .979789543E-01 .102401086E+00 .105447211E+00

-.239135201E-02 -.347223883E-02 -.475553884E-02 -.622351265E-02 -.780346681E-02  
-.944176798E-02 -.111018573E-01 -.127600125E-01 -.144013737E-01 -.160169257E-01  
-.176013981E-01 -.191518583E-01 -.206667779E-01 -.221454135E-01 -.235873907E-01  
-.249924202E-01 -.263601016E-01 -.276897845E-01 -.289804687E-01 -.302307305E-01  
-.314386672E-01 -.326018518E-01 -.337172951E-01 -.347814082E-01 -.357899632E-01  
-.367380460E-01 -.376199973E-01 -.384293349E-01 -.391586526E-01 -.397994865E-01  
-.403421438E-01 -.407754849E-01 -.410866527E-01 -.412607433E-01 -.412804156E-01  
-.411254414E-01 -.407722021E-01 -.401931464E-01 -.393562319E-01 -.382243786E-01  
-.367549709E-01 -.348994386E-01 -.326029441E-01 -.298041854E-01 -.264353305E-01  
-.224222100E-01 -.176855879E-01 -.121485572E-01 -.578556997E-02 .989120185E-03  
.788562252E-02 .149028717E-01 .220311195E-01 .292556050E-01 .365555819E-01  
.439018540E-01 .512531783E-01 .585514547E-01 .657157534E-01 .726358138E-01  
.791670357E-01 .851316370E-01 .903343414E-01 .946024556E-01 .978493615E-01  
-.240204063E-02 -.348754172E-02 -.477612681E-02 -.624869627E-02 -.783266213E-02  
-.947457452E-02 -.111380535E-01 -.127995234E-01 -.144442375E-01 -.160632680E-01  
-.176514143E-01 -.192058030E-01 -.207249599E-01 -.222081948E-01 -.236551874E-01  
-.250657066E-01 -.264394154E-01 -.277757338E-01 -.290737410E-01 -.303321034E-01  
-.315490211E-01 -.327221861E-01 -.338487466E-01 -.349252746E-01 -.359477307E-01  
-.369114236E-01 -.378109575E-01 -.386401640E-01 -.393920102E-01 -.400584779E-01  
-.406304059E-01 -.410972879E-01 -.414470194E-01 -.416655879E-01 -.417367024E-01  
-.416413639E-01 -.413573813E-01 -.408588472E-01 -.401155930E-01 -.390926550E-01  
-.377497850E-01 -.360410435E-01 -.339145053E-01 -.313120918E-01 -.281695341E-01  
-.244165148E-01 -.199773993E-01 -.147751374E-01 -.875508729E-02 -.205448972E-02  
.476220168E-02 .116746905E-01 .186656099E-01 .257146931E-01 .327961427E-01  
.398763916E-01 .469114190E-01 .538435608E-01 .605981514E-01 .670808611E-01  
.731774547E-01 .787588502E-01 .836951083E-01 .878803770E-01 .912636859E-01  
-.241155065E-02 -.350115516E-02 -.479443890E-02 -.627110046E-02 -.785864707E-02  
-.950379265E-02 -.111703168E-01 -.128347749E-01 -.144825218E-01 -.161047079E-01  
-.176961958E-01 -.192541658E-01 -.207771930E-01 -.222646351E-01 -.237162218E-01  
-.251317749E-01 -.265110157E-01 -.278534291E-01 -.291581674E-01 -.304239804E-01

-.316491639E-01 -.328315201E-01 -.339683257E-01 -.350563027E-01 -.360915885E-01  
-.370697002E-01 -.379854899E-01 -.388330839E-01 -.396058011E-01 -.402960439E-01  
-.408951535E-01 -.413932237E-01 -.417788645E-01 -.420389118E-01 -.421580767E-01  
-.421185364E-01 -.418994704E-01 -.414765531E-01 -.408214245E-01 -.399011651E-01  
-.386778139E-01 -.371079659E-01 -.351424860E-01 -.327263577E-01 -.297986672E-01  
-.262927219E-01 -.221364293E-01 -.172538632E-01 -.115739153E-01 -.508878748E-02  
.166803483E-02 .849245164E-02 .153653236E-01 .222634525E-01 .291581343E-01  
.360139858E-01 .427872293E-01 .494237836E-01 .558576651E-01 .620104631E-01  
.677930492E-01 .731110080E-01 .778750436E-01 .820159961E-01 .855005085E-01  
-.241998695E-02 -.351323058E-02 -.481068082E-02 -.629097685E-02 -.788171145E-02  
-.952974421E-02 -.111989965E-01 -.128661406E-01 -.145166216E-01 -.161416605E-01  
-.177361764E-01 -.192973981E-01 -.208239454E-01 -.223152200E-01 -.237709965E-01  
-.251911453E-01 -.265754409E-01 -.279234279E-01 -.292343258E-01 -.305069612E-01  
-.317397181E-01 -.329305011E-01 -.340767057E-01 -.351751935E-01 -.362222658E-01  
-.372136341E-01 -.381443815E-01 -.390089092E-01 -.398008652E-01 -.405130453E-01  
-.411372616E-01 -.416641708E-01 -.420830550E-01 -.423815492E-01 -.425453106E-01  
-.425576297E-01 -.423989858E-01 -.420465580E-01 -.414737090E-01 -.406494701E-01  
-.395380624E-01 -.380984949E-01 -.362842782E-01 -.340432791E-01 -.313177227E-01  
-.280443301E-01 -.241546403E-01 -.195760241E-01 -.142366770E-01 -.809645055E-02  
-.137002257E-02 .538428651E-02 .121608033E-01 .189347800E-01 .256756956E-01  
.323479647E-01 .389098363E-01 .453122664E-01 .514983248E-01 .574036767E-01  
.629587991E-01 .680935905E-01 .727446224E-01 .768642122E-01 .804288585E-01  
-.242744315E-02 -.352390277E-02 -.482503504E-02 -.630854807E-02 -.790211112E-02  
-.955271285E-02 -.112244002E-01 -.128939488E-01 -.145468844E-01 -.161744907E-01  
-.177717375E-01 -.193358973E-01 -.208656304E-01 -.223603778E-01 -.238199553E-01  
-.252442775E-01 -.266331674E-01 -.279862239E-01 -.293027281E-01 -.305815769E-01  
-.318212355E-01 -.330197024E-01 -.341744826E-01 -.352825663E-01 -.363404064E-01  
-.373438939E-01 -.382883251E-01 -.391683563E-01 -.399779399E-01 -.407102365E-01  
-.413574955E-01 -.419108967E-01 -.423603477E-01 -.426942282E-01 -.428990788E-01  
-.429592314E-01 -.428563838E-01 -.425691280E-01 -.420724479E-01 -.413372125E-01



-.403296995E-01 -.390111902E-01 -.373376762E-01 -.352597123E-01 -.327224257E-01  
-.296656697E-01 -.260243124E-01 -.217288101E-01 -.167071974E-01 -.108958081E-01  
-.431317251E-02 .237495349E-02 .907790827E-02 .157558894E-01 .223757789E-01  
.289028203E-01 .352983346E-01 .415188144E-01 .475158161E-01 .532368032E-01  
.586272443E-01 .636341867E-01 .682111991E-01 .723239618E-01 .759550695E-01  
-.243400214E-02 -.353329084E-02 -.483766241E-02 -.632401001E-02 -.792007089E-02  
-.957294751E-02 -.112467974E-01 -.129184875E-01 -.145736147E-01 -.162035184E-01  
-.178032138E-01 -.193700124E-01 -.209026106E-01 -.224004852E-01 -.238634892E-01  
-.252915769E-01 -.266846152E-01 -.280422525E-01 -.293638259E-01 -.306482962E-01  
-.318942027E-01 -.330996293E-01 -.342621816E-01 -.353789669E-01 -.364465769E-01  
-.374610670E-01 -.384179292E-01 -.393120533E-01 -.401376711E-01 -.408882784E-01  
-.415565257E-01 -.421340745E-01 -.426114076E-01 -.429775913E-01 -.432199813E-01  
-.433238718E-01 -.432720886E-01 -.430445338E-01 -.426176971E-01 -.419641563E-01  
-.410521025E-01 -.398449286E-01 -.383009262E-01 -.363731277E-01 -.340093149E-01  
-.311521881E-01 -.277396801E-01 -.237054850E-01 -.189804703E-01 -.134992573E-01  
-.724093689E-02 -.529418606E-03 .613758196E-02 .127499369E-01 .192803254E-01  
.256970814E-01 .319654569E-01 .380475373E-01 .439024784E-01 .494874277E-01  
.547592985E-01 .596774352E-01 .642069772E-01 .683223954E-01 .720103726E-01  
-.243973682E-02 -.354149935E-02 -.484870384E-02 -.633753403E-02 -.793578723E-02  
-.959066558E-02 -.112664235E-01 -.129400078E-01 -.145970782E-01 -.162290230E-01  
-.178308975E-01 -.194000481E-01 -.209352033E-01 -.224358721E-01 -.239019404E-01  
-.253333984E-01 -.267301527E-01 -.280918959E-01 -.294180156E-01 -.307075307E-01  
-.319590468E-01 -.331707256E-01 -.343402632E-01 -.354648734E-01 -.365412735E-01  
-.375656680E-01 -.385337262E-01 -.394405497E-01 -.402806242E-01 -.410477492E-01  
-.417349402E-01 -.423342958E-01 -.428368224E-01 -.432322110E-01 -.435085598E-01  
-.436520410E-01 -.436465109E-01 -.434730700E-01 -.431095870E-01 -.425302067E-01  
-.417048756E-01 -.405989227E-01 -.391727429E-01 -.373816222E-01 -.351757350E-01  
-.325003160E-01 -.292959899E-01 -.254992752E-01 -.210435730E-01 -.158625924E-01  
-.990822425E-02 -.326959564E-02 .336860360E-02 .993945772E-02 .164084230E-01  
.227456194E-01 .289202835E-01 .348998304E-01 .406500782E-01 .461360903E-01

.513235992E-01 .561809668E-01 .606814960E-01 .648057372E-01 .685433012E-01  
-.244471079E-02 -.354861937E-02 -.485828185E-02 -.634926904E-02 -.794943074E-  
02  
-.960605578E-02 -.112834827E-01 -.129587278E-01 -.146175055E-01 -.162512470E-  
01  
-.178550426E-01 -.194262695E-01 -.209636847E-01 -.224668253E-01 -.239356070E-  
01  
-.253700516E-01 -.267701010E-01 -.281354874E-01 -.294656432E-01 -.307596391E-  
01  
-.320161403E-01 -.332333780E-01 -.344091290E-01 -.355407026E-01 -.366249286E-  
01  
-.376581449E-01 -.386361796E-01 -.395543243E-01 -.404072918E-01 -.411891541E-  
01  
-.418932538E-01 -.425120814E-01 -.430371130E-01 -.434586002E-01 -.437653088E-  
01  
-.439442002E-01 -.439800579E-01 -.438550627E-01 -.435483272E-01 -.430354116E-  
01  
-.422878479E-01 -.412727136E-01 -.399522977E-01 -.382839053E-01 -.362198330E-  
01  
-.337075273E-01 -.306899069E-01 -.271058292E-01 -.228908045E-01 -.179788378E-  
01  
-.123109926E-01 -.589057566E-02 .783054893E-03 .734348514E-02 .137770115E-  
01  
.200611396E-01 .261700250E-01 .320761796E-01 .377512405E-01 .431667810E-01  
.482954358E-01 .531123438E-01 .575967686E-01 .617336537E-01 .655148200E-01  
-.244897901E-02 -.355472955E-02 -.486650211E-02 -.635934331E-02 -.796114837E-  
02  
-.961928060E-02 -.112981509E-01 -.129748353E-01 -.146350953E-01 -.162703992E-  
01  
-.178758680E-01 -.194489051E-01 -.209882928E-01 -.224935928E-01 -.239647465E-  
01  
-.254018040E-01 -.268047379E-01 -.281733151E-01 -.295070078E-01 -.308049321E-  
01  
-.320658058E-01 -.332879211E-01 -.344691265E-01 -.356068152E-01 -.366979162E-  
01  
-.377388852E-01 -.387256907E-01 -.396537916E-01 -.405181013E-01 -.413129324E-  
01  
-.420319159E-01 -.426678885E-01 -.432127409E-01 -.436572202E-01 -.439906817E-  
01  
-.442007850E-01 -.442731345E-01 -.441908677E-01 -.439342005E-01 -.434799489E-  
01  
-.428010528E-01 -.418661406E-01 -.406391787E-01 -.390792502E-01 -.371405038E-  
01  
-.347722847E-01 -.319194359E-01 -.285227321E-01 -.245194683E-01 -.198447123E-  
01  
-.144365875E-01 -.826790981E-02 -.157298921E-02 .498663814E-02 .114029689E-  
01  
.176553600E-01 .237211527E-01 .295771793E-01 .352000920E-01 .405668704E-01  
.456556481E-01 .504467820E-01 .549240210E-01 .590756008E-01 .628950778E-01  
-.245258845E-02 -.355989701E-02 -.487345473E-02 -.636786620E-02 -.797106533E-  
02  
-.963047853E-02 -.113105779E-01 -.129884903E-01 -.146500170E-01 -.162866580E-  
01

-.178935602E-01 -.194681500E-01 -.210092310E-01 -.225163861E-01 -.239895793E-01  
-.254288844E-01 -.268343009E-01 -.282056258E-01 -.295423656E-01 -.308436757E-01  
-.321083193E-01 -.333346416E-01 -.345205531E-01 -.356635196E-01 -.367605564E-01  
-.378082209E-01 -.388026033E-01 -.397393074E-01 -.406134203E-01 -.414194629E-01  
-.421513161E-01 -.428021163E-01 -.433641132E-01 -.438284831E-01 -.441850922E-01  
-.444222053E-01 -.445261391E-01 -.444808613E-01 -.442675464E-01 -.438641019E-01  
-.432446917E-01 -.423792926E-01 -.412333255E-01 -.397674097E-01 -.379372798E-01  
-.356938852E-01 -.329836598E-01 -.297489159E-01 -.259283149E-01 -.214575895E-01  
-.162720565E-01 -.103214508E-01 -.367725571E-02 .288515401E-02 .930042102E-02  
.155390117E-01 .215799362E-01 .274040231E-01 .329924446E-01 .383267798E-01  
.433896277E-01 .481654428E-01 .526414285E-01 .568083530E-01 .606611685E-01  
-.245557864E-02 -.356417823E-02 -.487921545E-02 -.637492962E-02 -.797928684E-02  
-.963976592E-02 -.113208897E-01 -.129998273E-01 -.146624130E-01 -.163001731E-01  
-.179082764E-01 -.194841684E-01 -.210266705E-01 -.225353838E-01 -.240102906E-01  
-.254514855E-01 -.268589904E-01 -.282326277E-01 -.295719327E-01 -.308760941E-01  
-.321439137E-01 -.333737813E-01 -.345636597E-01 -.357110765E-01 -.368131194E-01  
-.378664324E-01 -.388672080E-01 -.398111728E-01 -.406935608E-01 -.415090685E-01  
-.422517881E-01 -.429151091E-01 -.434915845E-01 -.439727532E-01 -.443489132E-01  
-.446088407E-01 -.447394544E-01 -.447254250E-01 -.445487381E-01 -.441882257E-01  
-.436190887E-01 -.428124454E-01 -.417349467E-01 -.403485065E-01 -.386101873E-01  
-.364722680E-01 -.338824839E-01 -.307843957E-01 -.271178188E-01 -.228193711E-01  
-.178240410E-01 -.120741980E-01 -.558367386E-02 .104289371E-02 .748197833E-02  
.137228400E-01 .197529804E-01 .255587262E-01 .311257180E-01 .364395393E-01  
.414864455E-01 .462541351E-01 .507324985E-01 .549142749E-01 .587955467E-01  
-.245798220E-02 -.356761975E-02 -.488384666E-02 -.638060922E-02 -.798589954E-02  
-.964723860E-02 -.113291902E-01 -.130089571E-01 -.146724006E-01 -.163110682E-01  
-.179201462E-01 -.194970957E-01 -.210407527E-01 -.225507329E-01 -.240270339E-01  
-.254697669E-01 -.268789721E-01 -.282544927E-01 -.295958877E-01 -.309023729E-01  
-.321727815E-01 -.334055400E-01 -.345986540E-01 -.357497013E-01 -.368558290E-01

-.379137517E-01 -.389197459E-01 -.398696382E-01 -.407587824E-01 -.415820189E-01  
-.423336121E-01 -.430071582E-01 -.435954579E-01 -.440903460E-01 -.444824729E-01  
-.447610327E-01 -.449134359E-01 -.449249275E-01 -.447781561E-01 -.444527099E-01  
-.439246378E-01 -.431659917E-01 -.421444271E-01 -.408229124E-01 -.391595867E-01  
-.371077978E-01 -.346163190E-01 -.316297059E-01 -.280887421E-01 -.239310274E-01  
-.190924795E-01 -.135146423E-01 -.719031452E-02 -.499042696E-03 .596940899E-02  
.122198285E-01 .182476035E-01 .240440559E-01 .295986628E-01 .349002910E-01  
.399381001E-01 .447023121E-01 .491848856E-01 .533800811E-01 .572848830E-01  
-.245982523E-02 -.357025883E-02 -.488739828E-02 -.638496553E-02 -.799097272E-02  
-.965297321E-02 -.113355621E-01 -.130159683E-01 -.146800737E-01 -.163194420E-01  
-.179292733E-01 -.195070404E-01 -.210515909E-01 -.225625515E-01 -.240399320E-01  
-.254838562E-01 -.268943787E-01 -.282713588E-01 -.296143739E-01 -.309226609E-01  
-.321950774E-01 -.334300784E-01 -.346257026E-01 -.357795669E-01 -.368888650E-01  
-.379503657E-01 -.389604109E-01 -.399149052E-01 -.408092952E-01 -.416385329E-01  
-.423970164E-01 -.430785025E-01 -.436759840E-01 -.441815252E-01 -.445860501E-01  
-.448790771E-01 -.450483984E-01 -.450797046E-01 -.449561597E-01 -.446579390E-01  
-.441617504E-01 -.434403708E-01 -.424622354E-01 -.411911288E-01 -.395860196E-01  
-.376010731E-01 -.351858437E-01 -.322856177E-01 -.288418547E-01 -.247927577E-01  
-.200745387E-01 -.146268618E-01 -.842466244E-02 -.170450559E-02 .478285267E-02  
.110419606E-01 .170706377E-01 .228629285E-01 .284108921E-01 .337057724E-01  
.387388751E-01 .435022915E-01 .479895125E-01 .521959328E-01 .561192276E-01  
-.246112766E-02 -.357212389E-02 -.488990839E-02 -.638804473E-02 -.799455927E-02  
-.965702826E-02 -.113400690E-01 -.130209288E-01 -.146855040E-01 -.163253702E-01  
-.179357368E-01 -.195140855E-01 -.210592715E-01 -.225709299E-01 -.240490788E-01  
-.254938511E-01 -.269053118E-01 -.282833316E-01 -.296275011E-01 -.309370721E-01  
-.322109197E-01 -.334475192E-01 -.346449330E-01 -.358008061E-01 -.369123649E-01  
-.379764175E-01 -.389893522E-01 -.399471290E-01 -.408452610E-01 -.416787797E-01  
-.424421786E-01 -.431293288E-01 -.437333601E-01 -.442465005E-01 -.446598689E-01  
-.449632148E-01 -.451446026E-01 -.451900407E-01 -.450830606E-01 -.448042562E-01

-.443308057E-01 -.436360027E-01 -.426888381E-01 -.414536767E-01 -.398900744E-01  
-.379527690E-01 -.355918500E-01 -.327530770E-01 -.293782829E-01 -.254058426E-01  
-.207715633E-01 -.154125148E-01 -.929048645E-02 -.256310378E-02 .393276176E-02  
.101971029E-01 .162271198E-01 .220177385E-01 .275624039E-01 .328538524E-01  
.378848172E-01 .426486596E-01 .471399209E-01 .513547803E-01 .552914019E-01  
-.246190355E-02 -.357323499E-02 -.489140382E-02 -.638987937E-02 -.799669645E-02  
-.965944497E-02 -.113427554E-01 -.130238862E-01 -.146887422E-01 -.163289060E-01  
-.179395928E-01 -.195182893E-01 -.210638557E-01 -.225759317E-01 -.240545405E-01  
-.254998207E-01 -.269118433E-01 -.282904858E-01 -.296353467E-01 -.309456869E-01  
-.322203919E-01 -.334579492E-01 -.346564355E-01 -.358135125E-01 -.369264262E-01  
-.379920084E-01 -.390066750E-01 -.399664195E-01 -.408667947E-01 -.417028797E-01  
-.424692253E-01 -.431597709E-01 -.437677284E-01 -.442854240E-01 -.447040932E-01  
-.450136242E-01 -.452022441E-01 -.452561521E-01 -.451590995E-01 -.448919314E-01  
-.444321075E-01 -.437532313E-01 -.428246262E-01 -.416110040E-01 -.400722698E-01  
-.381634991E-01 -.358350891E-01 -.330330542E-01 -.296993854E-01 -.257724152E-01  
-.211874108E-01 -.158794366E-01 -.980267902E-02 -.307598282E-02 .342252703E-02  
.968920334E-02 .157200590E-01 .215100720E-01 .270532781E-01 .323431935E-01  
.373733492E-01 .421378358E-01 .466318052E-01 .508518965E-01 .547965652E-01  
-.246216126E-02 -.357360404E-02 -.489190054E-02 -.639048877E-02 -.799740639E-02  
-.966024783E-02 -.113436480E-01 -.130248689E-01 -.146898183E-01 -.163300811E-01  
-.179408745E-01 -.195196868E-01 -.210653797E-01 -.225775947E-01 -.240563567E-01  
-.255018061E-01 -.269140157E-01 -.282928656E-01 -.296379568E-01 -.309485532E-01  
-.322235438E-01 -.334614202E-01 -.346602638E-01 -.358177418E-01 -.369311069E-01  
-.379971987E-01 -.390124424E-01 -.399728424E-01 -.408739650E-01 -.417109051E-01  
-.424782324E-01 -.431699093E-01 -.437791749E-01 -.442983881E-01 -.447188235E-01  
-.450304149E-01 -.452214443E-01 -.452781739E-01 -.451844285E-01 -.449211367E-01  
-.444658522E-01 -.437922815E-01 -.428698588E-01 -.416634111E-01 -.401329598E-01  
-.382336912E-01 -.359161029E-01 -.331262879E-01 -.298062768E-01 -.258943606E-01  
-.213255762E-01 -.160342584E-01 -.997214662E-02 -.324645661E-02 .325249989E-02

.951978510E-02 .155509017E-01 .213407655E-01 .268835650E-01 .321730536E-01  
.372030167E-01 .419677818E-01 .464627006E-01 .506845640E-01 .546319239E-01  
-.246190355E-02 -.357323499E-02 -.489140382E-02 -.638987937E-02 -.799669645E-  
02  
-.965944497E-02 -.113427554E-01 -.130238862E-01 -.146887422E-01 -.163289060E-  
01  
-.179395928E-01 -.195182893E-01 -.210638557E-01 -.225759317E-01 -.240545405E-  
01  
-.254998207E-01 -.269118433E-01 -.282904858E-01 -.296353467E-01 -.309456869E-  
01  
-.322203919E-01 -.334579492E-01 -.346564355E-01 -.358135125E-01 -.369264262E-  
01  
-.379920084E-01 -.390066750E-01 -.399664195E-01 -.408667947E-01 -.417028797E-  
01  
-.424692253E-01 -.431597709E-01 -.437677284E-01 -.442854240E-01 -.447040932E-  
01  
-.450136242E-01 -.452022441E-01 -.452561521E-01 -.451590995E-01 -.448919314E-  
01  
-.444321075E-01 -.437532313E-01 -.428246262E-01 -.416110040E-01 -.400722698E-  
01  
-.381634991E-01 -.358350891E-01 -.330330542E-01 -.296993854E-01 -.257724152E-  
01  
-.211874108E-01 -.158794366E-01 -.980267902E-02 -.307598282E-02 .342252703E-  
02  
.968920334E-02 .157200590E-01 .215100720E-01 .270532781E-01 .323431935E-01  
.373733492E-01 .421378358E-01 .466318052E-01 .508518965E-01 .547965652E-01  
-.246112766E-02 -.357212389E-02 -.488990839E-02 -.638804473E-02 -.799455927E-  
02  
-.965702826E-02 -.113400690E-01 -.130209288E-01 -.146855040E-01 -.163253702E-  
01  
-.179357368E-01 -.195140855E-01 -.210592715E-01 -.225709299E-01 -.240490788E-  
01  
-.254938511E-01 -.269053118E-01 -.282833316E-01 -.296275011E-01 -.309370721E-  
01  
-.322109197E-01 -.334475192E-01 -.346449330E-01 -.358008061E-01 -.369123649E-  
01  
-.379764175E-01 -.389893522E-01 -.399471290E-01 -.408452610E-01 -.416787797E-  
01  
-.424421786E-01 -.431293288E-01 -.437333601E-01 -.442465005E-01 -.446598689E-  
01  
-.449632148E-01 -.451446026E-01 -.451900407E-01 -.450830606E-01 -.448042562E-  
01  
-.443308057E-01 -.436360027E-01 -.426888381E-01 -.414536767E-01 -.398900744E-  
01  
-.379527690E-01 -.355918500E-01 -.327530770E-01 -.293782829E-01 -.254058426E-  
01  
-.207715633E-01 -.154125148E-01 -.929048645E-02 -.256310378E-02 .393276176E-  
02  
.101971029E-01 .162271198E-01 .220177385E-01 .275624039E-01 .328538524E-01  
.378848172E-01 .426486596E-01 .471399209E-01 .513547803E-01 .552914019E-01  
-.245982523E-02 -.357025883E-02 -.488739828E-02 -.638496553E-02 -.799097272E-  
02  
-.965297321E-02 -.113355621E-01 -.130159683E-01 -.146800737E-01 -.163194420E-  
01

-.179292733E-01 -.195070404E-01 -.210515909E-01 -.225625515E-01 -.240399320E-01  
-.254838562E-01 -.268943787E-01 -.282713588E-01 -.296143739E-01 -.309226609E-01  
-.321950774E-01 -.334300784E-01 -.346257026E-01 -.357795669E-01 -.368888650E-01  
-.379503657E-01 -.389604109E-01 -.399149052E-01 -.408092952E-01 -.416385329E-01  
-.423970164E-01 -.430785025E-01 -.436759840E-01 -.441815252E-01 -.445860501E-01  
-.448790771E-01 -.450483984E-01 -.450797046E-01 -.449561597E-01 -.446579390E-01  
-.441617504E-01 -.434403708E-01 -.424622354E-01 -.411911288E-01 -.395860196E-01  
-.376010731E-01 -.351858437E-01 -.322856177E-01 -.288418547E-01 -.247927577E-01  
-.200745387E-01 -.146268618E-01 -.842466244E-02 -.170450559E-02 .478285267E-02  
.110419606E-01 .170706377E-01 .228629285E-01 .284108921E-01 .337057724E-01  
.387388751E-01 .435022915E-01 .479895125E-01 .521959328E-01 .561192276E-01  
-.245798220E-02 -.356761975E-02 -.488384666E-02 -.638060922E-02 -.798589954E-02  
-.964723860E-02 -.113291902E-01 -.130089571E-01 -.146724006E-01 -.163110682E-01  
-.179201462E-01 -.194970957E-01 -.210407527E-01 -.225507329E-01 -.240270339E-01  
-.254697669E-01 -.268789721E-01 -.282544927E-01 -.295958877E-01 -.309023729E-01  
-.321727815E-01 -.334055400E-01 -.345986540E-01 -.357497013E-01 -.368558290E-01  
-.379137517E-01 -.389197459E-01 -.398696382E-01 -.407587824E-01 -.415820189E-01  
-.423336121E-01 -.430071582E-01 -.435954579E-01 -.440903460E-01 -.444824729E-01  
-.447610327E-01 -.449134359E-01 -.449249275E-01 -.447781561E-01 -.444527099E-01  
-.439246378E-01 -.431659917E-01 -.421444271E-01 -.408229124E-01 -.391595867E-01  
-.371077978E-01 -.346163190E-01 -.316297059E-01 -.280887421E-01 -.239310274E-01  
-.190924795E-01 -.135146423E-01 -.719031452E-02 -.499042696E-03 .596940899E-02  
.122198285E-01 .182476035E-01 .240440559E-01 .295986628E-01 .349002910E-01  
.399381001E-01 .447023121E-01 .491848856E-01 .533800811E-01 .572848830E-01  
-.245557864E-02 -.356417823E-02 -.487921545E-02 -.637492962E-02 -.797928684E-02  
-.963976592E-02 -.113208897E-01 -.129998273E-01 -.146624130E-01 -.163001731E-01  
-.179082764E-01 -.194841684E-01 -.210266705E-01 -.225353838E-01 -.240102906E-01  
-.254514855E-01 -.268589904E-01 -.282326277E-01 -.295719327E-01 -.308760941E-01  
-.321439137E-01 -.333737813E-01 -.345636597E-01 -.357110765E-01 -.368131194E-01

-.378664324E-01 -.388672080E-01 -.398111728E-01 -.406935608E-01 -.415090685E-01  
-.422517881E-01 -.429151091E-01 -.434915845E-01 -.439727532E-01 -.443489132E-01  
-.446088407E-01 -.447394544E-01 -.447254250E-01 -.445487381E-01 -.441882257E-01  
-.436190887E-01 -.428124454E-01 -.417349467E-01 -.403485065E-01 -.386101873E-01  
-.364722680E-01 -.338824839E-01 -.307843957E-01 -.271178188E-01 -.228193711E-01  
-.178240410E-01 -.120741980E-01 -.558367386E-02 .104289371E-02 .748197833E-02  
.137228400E-01 .197529804E-01 .255587262E-01 .311257180E-01 .364395393E-01  
.414864455E-01 .462541351E-01 .507324985E-01 .549142749E-01 .587955467E-01  
-.245258845E-02 -.355989701E-02 -.487345473E-02 -.636786620E-02 -.797106533E-02  
-.963047853E-02 -.113105779E-01 -.129884903E-01 -.146500170E-01 -.162866580E-01  
-.178935602E-01 -.194681500E-01 -.210092310E-01 -.225163861E-01 -.239895793E-01  
-.254288844E-01 -.268343009E-01 -.282056258E-01 -.295423656E-01 -.308436757E-01  
-.321083193E-01 -.333346416E-01 -.345205531E-01 -.356635196E-01 -.367605564E-01  
-.378082209E-01 -.388026033E-01 -.397393074E-01 -.406134203E-01 -.414194629E-01  
-.421513161E-01 -.428021163E-01 -.433641132E-01 -.438284831E-01 -.441850922E-01  
-.444222053E-01 -.445261391E-01 -.444808613E-01 -.442675464E-01 -.438641019E-01  
-.432446917E-01 -.423792926E-01 -.412333255E-01 -.397674097E-01 -.379372798E-01  
-.356938852E-01 -.329836598E-01 -.297489159E-01 -.259283149E-01 -.214575895E-01  
-.162720565E-01 -.103214508E-01 -.367725571E-02 .288515401E-02 .930042102E-02  
.155390117E-01 .215799362E-01 .274040231E-01 .329924446E-01 .383267798E-01  
.433896277E-01 .481654428E-01 .526414285E-01 .568083530E-01 .606611685E-01  
-.244897901E-02 -.355472955E-02 -.486650211E-02 -.635934331E-02 -.796114837E-02  
-.961928060E-02 -.112981509E-01 -.129748353E-01 -.146350953E-01 -.162703992E-01  
-.178758680E-01 -.194489051E-01 -.209882928E-01 -.224935928E-01 -.239647465E-01  
-.254018040E-01 -.268047379E-01 -.281733151E-01 -.295070078E-01 -.308049321E-01  
-.320658058E-01 -.332879211E-01 -.344691265E-01 -.356068152E-01 -.366979162E-01  
-.377388852E-01 -.387256907E-01 -.396537916E-01 -.405181013E-01 -.413129324E-01  
-.420319159E-01 -.426678885E-01 -.432127409E-01 -.436572202E-01 -.439906817E-01  
-.442007850E-01 -.442731345E-01 -.441908677E-01 -.439342005E-01 -.434799489E-01



-.428010528E-01 -.418661406E-01 -.406391787E-01 -.390792502E-01 -.371405038E-01  
-.347722847E-01 -.319194359E-01 -.285227321E-01 -.245194683E-01 -.198447123E-01  
-.144365875E-01 -.826790981E-02 -.157298921E-02 .498663814E-02 .114029689E-01  
.176553600E-01 .237211527E-01 .295771793E-01 .352000920E-01 .405668704E-01  
.456556481E-01 .504467820E-01 .549240210E-01 .590756008E-01 .628950778E-01  
-.244471079E-02 -.354861937E-02 -.485828185E-02 -.634926904E-02 -.794943074E-02  
-.960605578E-02 -.112834827E-01 -.129587278E-01 -.146175055E-01 -.162512470E-01  
-.178550426E-01 -.194262695E-01 -.209636847E-01 -.224668253E-01 -.239356070E-01  
-.253700516E-01 -.267701010E-01 -.281354874E-01 -.294656432E-01 -.307596391E-01  
-.320161403E-01 -.332333780E-01 -.344091290E-01 -.355407026E-01 -.366249286E-01  
-.376581449E-01 -.386361796E-01 -.395543243E-01 -.404072918E-01 -.411891541E-01  
-.418932538E-01 -.425120814E-01 -.430371130E-01 -.434586002E-01 -.437653088E-01  
-.439442002E-01 -.439800579E-01 -.438550627E-01 -.435483272E-01 -.430354116E-01  
-.422878479E-01 -.412727136E-01 -.399522977E-01 -.382839053E-01 -.362198330E-01  
-.337075273E-01 -.306899069E-01 -.271058292E-01 -.228908045E-01 -.179788378E-01  
-.123109926E-01 -.589057566E-02 .783054893E-03 .734348514E-02 .137770115E-01  
.200611396E-01 .261700250E-01 .320761796E-01 .377512405E-01 .431667810E-01  
.482954358E-01 .531123438E-01 .575967686E-01 .617336537E-01 .655148200E-01  
-.243973682E-02 -.354149935E-02 -.484870384E-02 -.633753403E-02 -.793578723E-02  
-.959066558E-02 -.112664235E-01 -.129400078E-01 -.145970782E-01 -.162290230E-01  
-.178308975E-01 -.194000481E-01 -.209352033E-01 -.224358721E-01 -.239019404E-01  
-.253333984E-01 -.267301527E-01 -.280918959E-01 -.294180156E-01 -.307075307E-01  
-.319590468E-01 -.331707256E-01 -.343402632E-01 -.354648734E-01 -.365412735E-01  
-.375656680E-01 -.385337262E-01 -.394405497E-01 -.402806242E-01 -.410477492E-01  
-.417349402E-01 -.423342958E-01 -.428368224E-01 -.432322110E-01 -.435085598E-01  
-.436520410E-01 -.436465109E-01 -.434730700E-01 -.431095870E-01 -.425302067E-01  
-.417048756E-01 -.405989227E-01 -.391727429E-01 -.373816222E-01 -.351757350E-01  
-.325003160E-01 -.292959899E-01 -.254992752E-01 -.210435730E-01 -.158625924E-01  
-.990822425E-02 -.326959564E-02 .336860360E-02 .993945772E-02 .164084230E-01

.227456194E-01 .289202835E-01 .348998304E-01 .406500782E-01 .461360903E-01  
.513235992E-01 .561809668E-01 .606814960E-01 .648057372E-01 .685433012E-01  
-.243400214E-02 -.353329084E-02 -.483766241E-02 -.632401001E-02 -.792007089E-  
02  
-.957294751E-02 -.112467974E-01 -.129184875E-01 -.145736147E-01 -.162035184E-  
01  
-.178032138E-01 -.193700124E-01 -.209026106E-01 -.224004852E-01 -.238634892E-  
01  
-.252915769E-01 -.266846152E-01 -.280422525E-01 -.293638259E-01 -.306482962E-  
01  
-.318942027E-01 -.330996293E-01 -.342621816E-01 -.353789669E-01 -.364465769E-  
01  
-.374610670E-01 -.384179292E-01 -.393120533E-01 -.401376711E-01 -.408882784E-  
01  
-.415565257E-01 -.421340745E-01 -.426114076E-01 -.429775913E-01 -.432199813E-  
01  
-.433238718E-01 -.432720886E-01 -.430445338E-01 -.426176971E-01 -.419641563E-  
01  
-.410521025E-01 -.398449286E-01 -.383009262E-01 -.363731277E-01 -.340093149E-  
01  
-.311521881E-01 -.277396801E-01 -.237054850E-01 -.189804703E-01 -.134992573E-  
01  
-.724093689E-02 -.529418606E-03 .613758196E-02 .127499369E-01 .192803254E-  
01  
.256970814E-01 .319654569E-01 .380475373E-01 .439024784E-01 .494874277E-01  
.547592985E-01 .596774352E-01 .642069772E-01 .683223954E-01 .720103726E-01  
-.242744315E-02 -.352390277E-02 -.482503504E-02 -.630854807E-02 -.790211112E-  
02  
-.955271285E-02 -.112244002E-01 -.128939488E-01 -.145468844E-01 -.161744907E-  
01  
-.177717375E-01 -.193358973E-01 -.208656304E-01 -.223603778E-01 -.238199553E-  
01  
-.252442775E-01 -.266331674E-01 -.279862239E-01 -.293027281E-01 -.305815769E-  
01  
-.318212355E-01 -.330197024E-01 -.341744826E-01 -.352825663E-01 -.363404064E-  
01  
-.373438939E-01 -.382883251E-01 -.391683563E-01 -.399779399E-01 -.407102365E-  
01  
-.413574955E-01 -.419108967E-01 -.423603477E-01 -.426942282E-01 -.428990788E-  
01  
-.429592314E-01 -.428563838E-01 -.425691280E-01 -.420724479E-01 -.413372125E-  
01  
-.403296995E-01 -.390111902E-01 -.373376762E-01 -.352597123E-01 -.327224257E-  
01  
-.296656697E-01 -.260243124E-01 -.217288101E-01 -.167071974E-01 -.108958081E-  
01  
-.431317251E-02 .237495349E-02 .907790827E-02 .157558894E-01 .223757789E-01  
.289028203E-01 .352983346E-01 .415188144E-01 .475158161E-01 .532368032E-01  
.586272443E-01 .636341867E-01 .682111991E-01 .723239618E-01 .759550695E-01  
-.241998695E-02 -.351323058E-02 -.481068082E-02 -.629097685E-02 -.788171145E-  
02  
-.952974421E-02 -.111989965E-01 -.128661406E-01 -.145166216E-01 -.161416605E-  
01

-.177361764E-01 -.192973981E-01 -.208239454E-01 -.223152200E-01 -.237709965E-01  
-.251911453E-01 -.265754409E-01 -.279234279E-01 -.292343258E-01 -.305069612E-01  
-.317397181E-01 -.329305011E-01 -.340767057E-01 -.351751935E-01 -.362222658E-01  
-.372136341E-01 -.381443815E-01 -.390089092E-01 -.398008652E-01 -.405130453E-01  
-.411372616E-01 -.416641708E-01 -.420830550E-01 -.423815492E-01 -.425453106E-01  
-.425576297E-01 -.423989858E-01 -.420465580E-01 -.414737090E-01 -.406494701E-01  
-.395380624E-01 -.380984949E-01 -.362842782E-01 -.340432791E-01 -.313177227E-01  
-.280443301E-01 -.241546403E-01 -.195760241E-01 -.142366770E-01 -.809645055E-02  
-.137002257E-02 .538428651E-02 .121608033E-01 .189347800E-01 .256756956E-01  
.323479647E-01 .389098363E-01 .453122664E-01 .514983248E-01 .574036767E-01  
.629587991E-01 .680935905E-01 .727446224E-01 .768642122E-01 .804288585E-01  
-.241155065E-02 -.350115516E-02 -.479443890E-02 -.627110046E-02 -.785864707E-02  
-.950379265E-02 -.111703168E-01 -.128347749E-01 -.144825218E-01 -.161047079E-01  
-.176961958E-01 -.192541658E-01 -.207771930E-01 -.222646351E-01 -.237162218E-01  
-.251317749E-01 -.265110157E-01 -.278534291E-01 -.291581674E-01 -.304239804E-01  
-.316491639E-01 -.328315201E-01 -.339683257E-01 -.350563027E-01 -.360915885E-01  
-.370697002E-01 -.379854899E-01 -.388330839E-01 -.396058011E-01 -.402960439E-01  
-.408951535E-01 -.413932237E-01 -.417788645E-01 -.420389118E-01 -.421580767E-01  
-.421185364E-01 -.418994704E-01 -.414765531E-01 -.408214245E-01 -.399011651E-01  
-.386778139E-01 -.371079659E-01 -.351424860E-01 -.327263577E-01 -.297986672E-01  
-.262927219E-01 -.221364293E-01 -.172538632E-01 -.115739153E-01 -.508878748E-02  
.166803483E-02 .849245164E-02 .153653236E-01 .222634525E-01 .291581343E-01  
.360139858E-01 .427872293E-01 .494237836E-01 .558576651E-01 .620104631E-01  
.677930492E-01 .731110080E-01 .778750436E-01 .820159961E-01 .855005085E-01  
-.240204063E-02 -.348754172E-02 -.477612681E-02 -.624869627E-02 -.783266213E-02  
-.947457452E-02 -.111380535E-01 -.127995234E-01 -.144442375E-01 -.160632680E-01  
-.176514143E-01 -.192058030E-01 -.207249599E-01 -.222081948E-01 -.236551874E-01  
-.250657066E-01 -.264394154E-01 -.277757338E-01 -.290737410E-01 -.303321034E-01  
-.315490211E-01 -.327221861E-01 -.338487466E-01 -.349252746E-01 -.359477307E-01  
-.369114236E-01 -.378109575E-01 -.386401640E-01 -.393920102E-01 -.400584779E-01

-.406304059E-01 -.410972879E-01 -.414470194E-01 -.416655879E-01 -.417367024E-01  
-.416413639E-01 -.413573813E-01 -.408588472E-01 -.401155930E-01 -.390926550E-01  
-.377497850E-01 -.360410435E-01 -.339145053E-01 -.313120918E-01 -.281695341E-01  
-.244165148E-01 -.199773993E-01 -.147751374E-01 -.875508729E-02 -.205448972E-02  
.476220168E-02 .116746905E-01 .186656099E-01 .257146931E-01 .327961427E-01  
.398763916E-01 .469114190E-01 .538435608E-01 .605981514E-01 .670808611E-01  
.731774547E-01 .787588502E-01 .836951083E-01 .878803770E-01 .912636859E-01  
-.239135201E-02 -.347223883E-02 -.475553884E-02 -.622351265E-02 -.780346681E-02  
-.944176798E-02 -.111018573E-01 -.127600125E-01 -.144013737E-01 -.160169257E-01  
-.176013981E-01 -.191518583E-01 -.206667779E-01 -.221454135E-01 -.235873907E-01  
-.249924202E-01 -.263601016E-01 -.276897845E-01 -.289804687E-01 -.302307305E-01  
-.314386672E-01 -.326018518E-01 -.337172951E-01 -.347814082E-01 -.357899632E-01  
-.367380460E-01 -.376199973E-01 -.384293349E-01 -.391586526E-01 -.397994865E-01  
-.403421438E-01 -.407754849E-01 -.410866527E-01 -.412607433E-01 -.412804156E-01  
-.411254414E-01 -.407722021E-01 -.401931464E-01 -.393562319E-01 -.382243786E-01  
-.367549709E-01 -.348994386E-01 -.326029441E-01 -.298041854E-01 -.264353305E-01  
-.224222100E-01 -.176855879E-01 -.121485572E-01 -.578556997E-02 .989120185E-03  
.788562252E-02 .149028717E-01 .220311195E-01 .292556050E-01 .365555819E-01  
.439018540E-01 .512531783E-01 .585514547E-01 .657157534E-01 .726358138E-01  
.791670357E-01 .851316370E-01 .903343414E-01 .946024556E-01 .978493615E-01  
-.237936814E-02 -.345507751E-02 -.473244450E-02 -.619526665E-02 -.777073421E-02  
-.940500904E-02 -.110613325E-01 -.127158187E-01 -.143534818E-01 -.159652099E-01  
-.175456556E-01 -.190918206E-01 -.206021168E-01 -.220757428E-01 -.235122645E-01  
-.249113295E-01 -.262724681E-01 -.275949537E-01 -.288777003E-01 -.301191873E-01  
-.313174013E-01 -.324697885E-01 -.335732125E-01 -.346239132E-01 -.356174623E-01  
-.365487097E-01 -.374117170E-01 -.381996710E-01 -.389047716E-01 -.395180865E-01  
-.400293653E-01 -.404268057E-01 -.406967649E-01 -.408234118E-01 -.407883166E-01  
-.405699809E-01 -.401433160E-01 -.394790838E-01 -.385433239E-01 -.372967945E-01  
-.356944600E-01 -.336850533E-01 -.312107309E-01 -.282068360E-01 -.246018230E-01  
-.203176967E-01 -.152730123E-01 -.940117547E-02 -.277733546E-02 .403775172E-02

.110150292E-01 .181465925E-01 .254265270E-01 .328464655E-01 .403930697E-01  
.480449608E-01 .557682731E-01 .635101595E-01 .711895627E-01 .786848671E-01  
.858195157E-01 .923510576E-01 .979789543E-01 .102401086E+00 .105447211E+00  
-.236596039E-02 -.343587085E-02 -.470658744E-02 -.616364202E-02 -.773409720E-  
02  
-.936388726E-02 -.110160313E-01 -.126664619E-01 -.143000534E-01 -.159075870E-  
01  
-.174836299E-01 -.190251115E-01 -.205303780E-01 -.219985641E-01 -.234291703E-  
01  
-.248217752E-01 -.261758340E-01 -.274905373E-01 -.287647067E-01 -.299967174E-  
01  
-.311844378E-01 -.323251784E-01 -.334156465E-01 -.344519006E-01 -.354293003E-  
01  
-.363424466E-01 -.371851075E-01 -.379501223E-01 -.386292789E-01 -.392131558E-  
01  
-.396909221E-01 -.400500878E-01 -.402761976E-01 -.403524651E-01 -.402593430E-  
01  
-.399740348E-01 -.394699558E-01 -.387161584E-01 -.376767447E-01 -.363102941E-  
01  
-.345693318E-01 -.323998629E-01 -.297409827E-01 -.265245856E-01 -.226752981E-  
01  
-.181113887E-01 -.127510526E-01 -.655367724E-02 .166688000E-03 .705215095E-  
02  
.141186595E-01 .213708599E-01 .288111168E-01 .364399183E-01 .442543028E-01  
.522449997E-01 .603917782E-01 .686559255E-01 .769681077E-01 .852090623E-01  
.931803985E-01 .100566388E+00 .106904451E+00 .111630723E+00  
.114344959E+00  
-.235098849E-02 -.341441423E-02 -.467768519E-02 -.612828763E-02 -.769314519E-  
02  
-.931794089E-02 -.109654481E-01 -.126113986E-01 -.142405125E-01 -.158434523E-  
01  
-.174146910E-01 -.189510779E-01 -.204508866E-01 -.219131813E-01 -.233373908E-  
01  
-.247230179E-01 -.260694365E-01 -.273757472E-01 -.286406723E-01 -.298624752E-  
01  
-.310388978E-01 -.321671064E-01 -.332436426E-01 -.342643733E-01 -.352244347E-  
01  
-.361181665E-01 -.369390294E-01 -.376795001E-01 -.383309378E-01 -.388834137E-  
01  
-.393254969E-01 -.396439895E-01 -.398236034E-01 -.398465766E-01 -.396922268E-  
01  
-.393364453E-01 -.387511429E-01 -.379036612E-01 -.367561723E-01 -.352650908E-  
01  
-.333805216E-01 -.310457568E-01 -.281968323E-01 -.247621828E-01 -.206626757E-  
01  
-.158136000E-01 -.101378956E-01 -.365574871E-02 .307422756E-02 .100149433E-  
01  
.171670194E-01 .245385018E-01 .321395927E-01 .399811626E-01 .480734056E-01  
.564236737E-01 .650326641E-01 .738875654E-01 .829494756E-01 .921297442E-01  
.101244954E+00 .109933784E+00 .117524438E+00 .122927191E+00  
.125005750E+00  
-.233430135E-02 -.339048685E-02 -.464543035E-02 -.608881696E-02 -.764742103E-  
02

-.926665124E-02 -.109090118E-01 -.125500134E-01 -.141742061E-01 -.157721211E-01  
-.173381266E-01 -.188689829E-01 -.203628828E-01 -.218188123E-01 -.232361215E-01  
-.246142300E-01 -.259524228E-01 -.272497036E-01 -.285046872E-01 -.297155172E-01  
-.308798008E-01 -.319945511E-01 -.330561344E-01 -.340602158E-01 -.350016971E-01  
-.358746448E-01 -.366721993E-01 -.373864607E-01 -.380083447E-01 -.385273998E-01  
-.389315794E-01 -.392069618E-01 -.393374123E-01 -.393041822E-01 -.390854471E-01  
-.386557867E-01 -.379856167E-01 -.370405888E-01 -.357809791E-01 -.341610853E-01  
-.321286517E-01 -.296243277E-01 -.265811706E-01 -.229242804E-01 -.185711831E-01  
-.134366875E-01 -.746634353E-02 -.878350741E-03 .590025467E-02 .128971203E-01  
.201282599E-01 .276104722E-01 .353633036E-01 .434093454E-01 .517740770E-01  
.604852026E-01 .695710346E-01 .790569339E-01 .889575080E-01 .992586556E-01  
.109873065E+00 .120522882E+00 .130429448E+00 .137602947E+00  
.138224632E+00  
-.231573884E-02 -.336385535E-02 -.460949519E-02 -.604480962E-02 -.759641785E-02  
-.920943564E-02 -.108460759E-01 -.124816079E-01 -.141003933E-01 -.156928175E-01  
-.172531313E-01 -.187779952E-01 -.202655116E-01 -.217145797E-01 -.231244619E-01  
-.244944868E-01 -.258238422E-01 -.271114263E-01 -.283557384E-01 -.295547938E-01  
-.307060558E-01 -.318063752E-01 -.328519334E-01 -.338381830E-01 -.347597810E-01  
-.356105088E-01 -.363831743E-01 -.370694885E-01 -.376599103E-01 -.381434523E-01  
-.385074401E-01 -.387372178E-01 -.388157960E-01 -.387234369E-01 -.384371785E-01  
-.379303028E-01 -.371717575E-01 -.361255470E-01 -.347501116E-01 -.329977122E-01  
-.308138344E-01 -.281366161E-01 -.248963205E-01 -.210150187E-01 -.164074921E-01  
-.109895162E-01 -.473709317E-02 .183722183E-02 .863823892E-02 .156770232E-01  
.229724433E-01 .305481084E-01 .384326485E-01 .466605694E-01 .552733252E-01  
.643205952E-01 .738618299E-01 .839682375E-01 .947255679E-01 .106237979E+00  
.118629608E+00 .132011211E+00 .146195188E+00 .158887925E+00  
.155321351E+00  
-.229513394E-02 -.333428064E-02 -.456954308E-02 -.599581596E-02 -.753957511E-02  
-.914563767E-02 -.107759066E-01 -.124053872E-01 -.140182318E-01 -.156046614E-01  
-.171587942E-01 -.186771778E-01 -.201578125E-01 -.215995001E-01 -.230014056E-01  
-.243627571E-01 -.256826359E-01 -.269598259E-01 -.281927012E-01 -.293791398E-01

-.305164518E-01 -.316013158E-01 -.326297183E-01 -.335968892E-01 -.344972293E-01  
-.353242240E-01 -.360703371E-01 -.367268783E-01 -.372838387E-01 -.377296843E-01  
-.380511035E-01 -.382327005E-01 -.382566298E-01 -.381021697E-01 -.377452358E-01  
-.371578398E-01 -.363075046E-01 -.351566497E-01 -.336619635E-01 -.317737787E-01  
-.294354608E-01 -.265828271E-01 -.231436848E-01 -.190379805E-01 -.141812995E-01  
-.850818916E-02 -.213057131E-02 .445496369E-02 .112692815E-01 .183332751E-01  
.256718342E-01 .333151687E-01 .413002131E-01 .496724021E-01 .584879896E-01  
.678172012E-01 .777487786E-01 .883971623E-01 .999155888E-01 .112525142E+00  
.126594757E+00 .142906333E+00 .163653057E+00 .196499422E+00  
.175262950E+00  
-.227231307E-02 -.330152909E-02 -.452525807E-02 -.594136631E-02 -.747627068E-02  
-.907451150E-02 -.106976646E-01 -.123204427E-01 -.139267613E-01 -.155066534E-01  
-.170540852E-01 -.185654750E-01 -.200387072E-01 -.214724736E-01 -.228658301E-01  
-.242178936E-01 -.255276285E-01 -.267936939E-01 -.280143293E-01 -.291872650E-01  
-.303096477E-01 -.313779739E-01 -.323880243E-01 -.333347956E-01 -.342124214E-01  
-.350140798E-01 -.357318791E-01 -.363567174E-01 -.368781073E-01 -.372839596E-01  
-.375603199E-01 -.376910504E-01 -.376574538E-01 -.374378373E-01 -.370070185E-01  
-.363357783E-01 -.353902730E-01 -.341314165E-01 -.325142500E-01 -.304873085E-01  
-.279919995E-01 -.249620274E-01 -.213230514E-01 -.169935201E-01 -.118918157E-01  
-.598225820E-02 .395387518E-03 .697303038E-02 .137818378E-01 .208485806E-01  
.282029113E-01 .358803224E-01 .439243847E-01 .523892778E-01 .613430758E-01  
.708722318E-01 .810879025E-01 .921351146E-01 .104206297E+00 .117561021E+00  
.132552028E+00 .149647501E+00 .169411868E+00 .192432934E+00  
.179103483E+00  
-.224708374E-02 -.326538266E-02 -.447642946E-02 -.588097888E-02 -.740579886E-02  
-.899519508E-02 -.106103805E-01 -.122257305E-01 -.138248849E-01 -.153976583E-01  
-.169378399E-01 -.184416991E-01 -.199069872E-01 -.213322713E-01 -.227164853E-01  
-.240586217E-01 -.253575167E-01 -.266116934E-01 -.278192452E-01 -.289777441E-01  
-.300841625E-01 -.311348035E-01 -.321252316E-01 -.330501984E-01 -.339035596E-01  
-.346781743E-01 -.353657847E-01 -.359568665E-01 -.364404448E-01 -.368038687E-01  
-.370325372E-01 -.371095721E-01 -.370154336E-01 -.367274771E-01 -.362194547E-01

-.354609662E-01 -.344168713E-01 -.330466733E-01 -.313038879E-01 -.291354057E-01  
-.264808675E-01 -.232721293E-01 -.194332157E-01 -.148827277E-01 -.954940052E-02  
-.346936653E-02 .284862609E-02 .938891095E-02 .161676223E-01 .232100890E-01  
.305478237E-01 .382194614E-01 .462728102E-01 .547676845E-01 .637797208E-01  
.734055786E-01 .837700739E-01 .950358544E-01 .107415596E+00 .121182436E+00  
.136652055E+00 .153999464E+00 .172233781E+00 .184014432E+00  
.176237031E+00  
-.221918762E-02 -.322560453E-02 -.442323748E-02 -.581411356E-02 -.732730849E-02  
-.890666551E-02 -.105129228E-01 -.121200463E-01 -.137113484E-01 -.152763866E-01  
-.168087433E-01 -.183045151E-01 -.197613002E-01 -.211775238E-01 -.225519818E-01  
-.238835292E-01 -.251708598E-01 -.264123483E-01 -.276059301E-01 -.287490064E-01  
-.298383641E-01 -.308701009E-01 -.318395532E-01 -.327412163E-01 -.335686554E-01  
-.343143997E-01 -.349698139E-01 -.355249412E-01 -.359683111E-01 -.362867046E-01  
-.364648730E-01 -.364852022E-01 -.363273228E-01 -.359676628E-01 -.353789475E-01  
-.345296532E-01 -.333834230E-01 -.318984564E-01 -.300268813E-01 -.277141205E-01  
-.248982777E-01 -.215096978E-01 -.174714822E-01 -.127051095E-01 -.716556404E-02  
-.107019011E-02 .520589621E-02 .116946936E-01 .184203010E-01 .254097409E-01  
.326955452E-01 .403175567E-01 .483251405E-01 .567801267E-01 .657607766E-01  
.753671688E-01 .857285657E-01 .970136490E-01 .109445658E+00 .123329859E+00  
.139127142E+00 .157734512E+00 .181733704E+00 .195183464E+00  
.176591584E+00  
-.218824728E-02 -.318158066E-02 -.436453553E-02 -.573973550E-02 -.723967041E-02  
-.880768447E-02 -.104039660E-01 -.120020014E-01 -.135847196E-01 -.151413764E-01  
-.166653133E-01 -.181524258E-01 -.196001361E-01 -.210067073E-01 -.223707798E-01  
-.236910544E-01 -.249660681E-01 -.261940330E-01 -.273727128E-01 -.284993254E-01  
-.295704587E-01 -.305819931E-01 -.315290238E-01 -.324057772E-01 -.332055160E-01  
-.339204271E-01 -.345414862E-01 -.350582938E-01 -.354588753E-01 -.357294390E-01  
-.358540877E-01 -.358144781E-01 -.355894264E-01 -.351544610E-01 -.344813239E-01  
-.335374305E-01 -.322852934E-01 -.306819230E-01 -.286782118E-01 -.262183196E-01  
-.232391133E-01 -.196699303E-01 -.154339620E-01 -.104581158E-01 -.473348577E-02  
.127225106E-02 .747586156E-02 .138909870E-01 .205387935E-01 .274454662E-01  
.346428465E-01 .421698942E-01 .500747455E-01 .584174872E-01 .672738908E-01  
.767404466E-01 .869411096E-01 .980361116E-01 .110232740E+00 .123796471E+00



.139057226E+00 .156401033E+00 .176256396E+00 .185734174E+00  
.172499749E+00  
-.215378319E-02 -.313255056E-02 -.429912018E-02 -.565658535E-02 -.714152640E-02  
-.869679570E-02 -.102819752E-01 -.118700049E-01 -.134433700E-01 -.149909760E-01  
-.165058841E-01 -.179837568E-01 -.194218133E-01 -.208181314E-01 -.221711760E-01  
-.234794752E-01 -.247413925E-01 -.259549617E-01 -.271177601E-01 -.282268078E-01  
-.292784803E-01 -.302684264E-01 -.311914870E-01 -.320416060E-01 -.328117303E-01  
-.334936912E-01 -.340780637E-01 -.345539945E-01 -.349089962E-01 -.351286995E-01  
-.351965586E-01 -.350935081E-01 -.347975668E-01 -.342833925E-01 -.335217896E-01  
-.324791768E-01 -.311170249E-01 -.293912729E-01 -.272517376E-01 -.246415519E-01  
-.214967718E-01 -.177467918E-01 -.133186424E-01 -.816172243E-02 -.239474490E-02  
.353917114E-02 .965828240E-02 .159804609E-01 .225265482E-01 .293213335E-01  
.363945970E-01 .437824738E-01 .515292480E-01 .596897255E-01 .683324111E-01  
.775438006E-01 .874341728E-01 .981451044E-01 .109857512E+00 .122791622E+00  
.137155473E+00 .152838260E+00 .167905194E+00 .171501310E+00  
.165022368E+00  
-.211525547E-02 -.307770788E-02 -.422586642E-02 -.556329297E-02 -.703133537E-02  
-.857233444E-02 -.101451995E-01 -.117222492E-01 -.132854583E-01 -.148233267E-01  
-.163285902E-01 -.177966409E-01 -.192244641E-01 -.206099260E-01 -.219512922E-01  
-.232468975E-01 -.244949134E-01 -.256931776E-01 -.268390652E-01 -.279293829E-01  
-.289602785E-01 -.299271548E-01 -.308245833E-01 -.316462111E-01 -.323846545E-01  
-.330313757E-01 -.335765349E-01 -.340088137E-01 -.343152024E-01 -.344807479E-01  
-.344882556E-01 -.343179444E-01 -.339470527E-01 -.333493971E-01 -.324948887E-01  
-.313490136E-01 -.298722867E-01 -.280196904E-01 -.257401224E-01 -.229759228E-01  
-.196627616E-01 -.157310784E-01 -.111147827E-01 -.579865513E-02 -.103287113E-03  
.574168207E-02 .117598632E-01 .179700117E-01 .243917141E-01 .310473829E-01  
.379634525E-01 .451715430E-01 .527098443E-01 .606248756E-01 .689738052E-01  
.778276347E-01 .872758334E-01 .974337644E-01 .108456516E+00 .120570651E+00  
.134166290E+00 .150124668E+00 .171164305E+00 .167322272E+00  
.158257536E+00  
-.207208265E-02 -.301620291E-02 -.414361319E-02 -.545837370E-02 -.690738257E-02  
-.843242830E-02 -.999166347E-02 -.115566969E-01 -.131089148E-01 -.146363467E-01  
-.161313500E-01 -.175890034E-01 -.190060217E-01 -.203800283E-01 -.217090631E-01

-.229912443E-01 -.242245298E-01 -.254065428E-01 -.265344379E-01 -.276047918E-01  
-.286135084E-01 -.295557282E-01 -.304257379E-01 -.312168714E-01 -.319213989E-01  
-.325303976E-01 -.330335987E-01 -.334192049E-01 -.336736733E-01 -.337814597E-01  
-.337247185E-01 -.334829585E-01 -.330326524E-01 -.323468030E-01 -.313944708E-01  
-.301402696E-01 -.285438405E-01 -.265593203E-01 -.241348470E-01 -.212122476E-01  
-.177274752E-01 -.136142360E-01 -.882265372E-02 -.341896876E-02 .215658307E-02  
.788986428E-02 .137896117E-01 .198697164E-01 .261465319E-01 .326389427E-01  
.393689363E-01 .463623150E-01 .536495184E-01 .612665902E-01 .692563477E-01  
.776698861E-01 .865687469E-01 .960287079E-01 .106148074E+00 .117069365E+00  
.129042078E+00 .142610556E+00 .159161756E+00 .156663194E+00  
.150180784E+00  
-.202364562E-02 -.294713655E-02 -.405112963E-02 -.534021679E-02 -.676777677E-02  
-.827499225E-02 -.981915757E-02 -.113710666E-01 -.129114245E-01 -.144277138E-01  
-.159118504E-01 -.173585474E-01 -.187642062E-01 -.201261712E-01 -.214422258E-01  
-.227102448E-01 -.239279495E-01 -.250927274E-01 -.262014936E-01 -.272505765E-01  
-.282356185E-01 -.291514809E-01 -.299921479E-01 -.307506231E-01 -.314188132E-01  
-.319873934E-01 -.324456487E-01 -.327812878E-01 -.329802216E-01 -.330263049E-01  
-.329010367E-01 -.325832185E-01 -.320485691E-01 -.312693015E-01 -.302136640E-01  
-.288454545E-01 -.271235193E-01 -.250012615E-01 -.224262384E-01 -.193401258E-01  
-.156801683E-01 -.113870903E-01 -.644475277E-02 -.109652938E-02 .437437002E-02  
.998815741E-02 .157566968E-01 .216917694E-01 .278064601E-01 .341155898E-01  
.406360335E-01 .473870089E-01 .543903069E-01 .616704066E-01 .692543702E-01  
.771713401E-01 .854513040E-01 .941224147E-01 .103204975E+00 .112695814E+00  
.122518890E+00 .132342269E+00 .140837775E+00 .142578726E+00  
.140816352E+00  
-.196928867E-02 -.286956021E-02 -.394711155E-02 -.520708682E-02 -.661045198E-02  
-.809772487E-02 -.962522757E-02 -.111628180E-01 -.126904112E-01 -.141948497E-01  
-.156675312E-01 -.171027403E-01 -.184965131E-01 -.198458724E-01 -.211483092E-01  
-.224014253E-01 -.236026794E-01 -.247492006E-01 -.258376437E-01 -.268640695E-01  
-.278238403E-01 -.287115194E-01 -.295207701E-01 -.302442467E-01 -.308734733E-01  
-.313987034E-01 -.318087576E-01 -.320908323E-01 -.322302761E-01 -.322103303E-01  
-.320118307E-01 -.316128698E-01 -.309884207E-01 -.301099253E-01 -.289448537E-01

-.274562406E-01 -.256022179E-01 -.233355865E-01 -.206035726E-01 -.173483070E-01  
-.135101773E-01 -.904369480E-02 -.399493680E-02 .121618234E-02 .656262298E-02  
.120457633E-01 .176722288E-01 .234503037E-01 .293893899E-01 .354999485E-01  
.417934810E-01 .482824187E-01 .549798200E-01 .618987321E-01 .690509863E-01  
.764450133E-01 .840818992E-01 .919480911E-01 .100001255E+00 .108141166E+00  
.116146771E+00 .123540859E+00 .129344860E+00 .131997425E+00  
.132221265E+00  
-.190832044E-02 -.278248346E-02 -.383020006E-02 -.505715018E-02 -.643318604E-02  
-.789811217E-02 -.940716636E-02 -.109291372E-01 -.124430200E-01 -.139349035E-01  
-.153955715E-01 -.168188021E-01 -.182002033E-01 -.195364255E-01 -.208246265E-01  
-.220621012E-01 -.232460175E-01 -.243732216E-01 -.254400859E-01 -.264423834E-01  
-.273751764E-01 -.282327104E-01 -.290083078E-01 -.296942531E-01 -.302816662E-01  
-.307603579E-01 -.311186622E-01 -.313432425E-01 -.314188658E-01 -.313281434E-01  
-.310512353E-01 -.305655191E-01 -.298452237E-01 -.288610335E-01 -.275796683E-01  
-.259634517E-01 -.239698944E-01 -.215513775E-01 -.186552253E-01 -.152252798E-01  
-.112096683E-01 -.659704286E-02 -.159808789E-02 .350379027E-02 .872492143E-02  
.140713760E-01 .195481931E-01 .251607215E-01 .309147507E-01 .368164118E-01  
.428719516E-01 .490873232E-01 .554674858E-01 .620152405E-01 .687293248E-01  
.756013067E-01 .826104837E-01 .897153969E-01 .968395210E-01 .103847170E+00  
.110504823E+00 .116429683E+00 .121066588E+00 .123866033E+00  
.124990158E+00  
-.184001067E-02 -.268488682E-02 -.369902661E-02 -.488854956E-02 -.623365040E-02  
-.767344339E-02 -.916200792E-02 -.106669216E-01 -.121661018E-01 -.136447379E-01  
-.150928786E-01 -.165036973E-01 -.178722967E-01 -.191948951E-01 -.204682698E-01  
-.216893712E-01 -.228550460E-01 -.239618316E-01 -.250057954E-01 -.259824010E-01  
-.268863897E-01 -.277116689E-01 -.284511983E-01 -.290968700E-01 -.296393766E-01  
-.300680616E-01 -.303707481E-01 -.305335419E-01 -.305406051E-01 -.303738976E-01  
-.300128863E-01 -.294342211E-01 -.286113821E-01 -.275143023E-01 -.261089752E-01  
-.243570689E-01 -.222155963E-01 -.196368065E-01 -.165688695E-01 -.129595381E-01  
-.877199446E-02 -.405668756E-02 .803536141E-03 .577991427E-02 .108699624E-01  
.160750887E-01 .213973913E-01 .268391555E-01 .324026589E-01 .380899288E-01  
.439023594E-01 .498401098E-01 .559011735E-01 .620799544E-01 .683651090E-01  
.747362856E-01 .811592225E-01 .875784385E-01 .939066080E-01 .100010106E+00

.105692612E+00 .110686606E+00 .114681358E+00 .117438857E+00  
.118992523E+00  
-.176357017E-02 -.257572748E-02 -.355229195E-02 -.469958837E-02 -.600950773E-02  
-.742083434E-02 -.888651852E-02 -.103727636E-01 -.118561988E-01 -.133209208E-01  
-.147560838E-01 -.161541331E-01 -.175095723E-01 -.188181163E-01 -.200761088E-01  
-.212801147E-01 -.224266273E-01 -.235118484E-01 -.245315168E-01 -.254807651E-01  
-.263539924E-01 -.271447456E-01 -.278455989E-01 -.284480277E-01 -.289422715E-01  
-.293171792E-01 -.295600351E-01 -.296563588E-01 -.295896795E-01 -.293412794E-01  
-.288899085E-01 -.282114702E-01 -.272786835E-01 -.260607292E-01 -.245228966E-01  
-.226262698E-01 -.203275591E-01 -.175794205E-01 -.143325036E-01 -.105441851E-01  
-.621554258E-02 -.155692706E-02 .319388671E-02 .804745865E-02 .130052057E-01  
.180671227E-01 .232328776E-01 .285018860E-01 .338731524E-01 .393449730E-01  
.449144731E-01 .505769185E-01 .563247106E-01 .621459391E-01 .680223209E-01  
.739263105E-01 .798171288E-01 .856355037E-01 .912971964E-01 .966862659E-01  
.101651175E+00 .106010977E+00 .109583849E+00 .112247264E+00  
.114003865E+00  
-.167808944E-02 -.245389888E-02 -.338885961E-02 -.448922137E-02 -.575854809E-02  
-.713722626E-02 -.857717156E-02 -.100429328E-01 -.115095385E-01 -.129597265E-01  
-.143815493E-01 -.157665689E-01 -.171085763E-01 -.184027015E-01 -.196447951E-01  
-.208309932E-01 -.219574020E-01 -.230198610E-01 -.240137572E-01 -.249338698E-01  
-.257742344E-01 -.265280142E-01 -.271873734E-01 -.277433446E-01 -.281856855E-01  
-.285027203E-01 -.286811621E-01 -.287059119E-01 -.285598329E-01 -.282234976E-01  
-.276749091E-01 -.268891988E-01 -.258383063E-01 -.244906560E-01 -.228108609E-01  
-.207595340E-01 -.182934254E-01 -.153665988E-01 -.119352474E-01 -.797700028E-02  
-.357444800E-02 .953147545E-03 .558388415E-02 .103132551E-01 .151387418E-01  
.200578124E-01 .250676251E-01 .301648775E-01 .353455897E-01 .406047732E-01  
.459359472E-01 .513304504E-01 .567764831E-01 .622577963E-01 .677519380E-01  
.732279705E-01 .786436223E-01 .839419909E-01 .890482601E-01 .938676102E-01  
.982866914E-01 .102182469E+00 .105442413E+00 .107995033E+00  
.109835675E+00  
-.158241915E-02 -.231804419E-02 -.320763924E-02 -.425858817E-02 -.547863339E-02  
-.681925963E-02 -.823009315E-02 -.967336821E-02 -.111220480E-01 -.125571605E-01  
-.139653948E-01 -.153372411E-01 -.166656446E-01 -.179450580E-01 -.191707748E-01

-.203384571E-01 -.214437912E-01 -.224822280E-01 -.234487799E-01 -.243378516E-01  
-.251430923E-01 -.258572584E-01 -.264720781E-01 -.269781122E-01 -.273646056E-01  
-.276193238E-01 -.277283730E-01 -.276759978E-01 -.274443570E-01 -.270132757E-01  
-.263599753E-01 -.254587849E-01 -.242808448E-01 -.227938255E-01 -.209617236E-01  
-.187449005E-01 -.161008551E-01 -.129873028E-01 -.937319829E-02 -.528061281E-02  
-.958938810E-03 .345985785E-02 .797504767E-02 .125826856E-01 .172783438E-01  
.220572596E-01 .269142277E-01 .318434373E-01 .368382424E-01 .418908344E-01  
.469917862E-01 .521294268E-01 .572890073E-01 .624516139E-01 .675927993E-01  
.726809356E-01 .776753716E-01 .825246293E-01 .871651504E-01 .915215183E-01  
.955095762E-01 .990440913E-01 .102051746E+00 .104487135E+00  
.106344419E+00  
-.147503162E-02 -.216608745E-02 -.300580410E-02 -.400269961E-02 -.516586506E-02  
-.646291467E-02 -.784103658E-02 -.925972810E-02 -.106894198E-01 -.121090246E-01  
-.135035575E-01 -.148622143E-01 -.161769432E-01 -.174414181E-01 -.186503088E-01  
-.197987588E-01 -.208820023E-01 -.218950775E-01 -.228326005E-01 -.236885805E-01  
-.244562584E-01 -.251279589E-01 -.256949466E-01 -.261472798E-01 -.264736559E-01  
-.266612444E-01 -.266955039E-01 -.265599801E-01 -.262360840E-01 -.257028508E-01  
-.249366817E-01 -.239110746E-01 -.225963627E-01 -.209595000E-01 -.189640164E-01  
-.165704937E-01 -.137386930E-01 -.104351988E-01 -.666094081E-02 -.255525836E-02  
.165679311E-02 .596750759E-02 .103710336E-01 .148612193E-01 .194315768E-01  
.240752180E-01 .287847314E-01 .335520197E-01 .383680846E-01 .432227350E-01  
.481041939E-01 .529985769E-01 .578892193E-01 .627558410E-01 .675735546E-01  
.723117711E-01 .769331254E-01 .813926656E-01 .856377180E-01 .896090351E-01  
.932439642E-01 .964822155E-01 .992740294E-01 .101588956E+00 .103421738E+00  
-.135390537E-02 -.199532586E-02 -.277999149E-02 -.371735569E-02 -.481655878E-02  
-.606420597E-02 -.740570452E-02 -.879759282E-02 -.102072675E-01 -.116110455E-01  
-.129918969E-01 -.143374656E-01 -.156385331E-01 -.168878873E-01 -.180795069E-01  
-.192079733E-01 -.202680402E-01 -.212543101E-01 -.221609835E-01 -.229816534E-01  
-.237091299E-01 -.243352804E-01 -.248508764E-01 -.252454400E-01 -.255070837E-01  
-.256223393E-01 -.255759728E-01 -.253507837E-01 -.249273872E-01 -.242839832E-01  
-.233961153E-01 -.222364357E-01 -.207745023E-01 -.189766940E-01 -.168064736E-01  
-.142257347E-01 -.111996972E-01 -.771439853E-02 -.384233084E-02 .158474776E-03  
.426878277E-02 .847728431E-02 .127751876E-01 .171541704E-01 .216057500E-01

.261210341E-01 .306905633E-01 .353041612E-01 .399507570E-01 .446181532E-01  
.492927204E-01 .539589992E-01 .585992016E-01 .631926145E-01 .677149350E-01  
.721376031E-01 .764272563E-01 .805455082E-01 .844493399E-01 .880924621E-01  
.914279871E-01 .944125327E-01 .970113701E-01 .992034679E-01 .100984713E+00  
-.121636548E-02 -.180229449E-02 -.252637156E-02 -.339916560E-02 -.442900587E-  
02  
-.561999136E-02 -.692019693E-02 -.828278525E-02 -.967138324E-02 -.110590836E-  
01  
-.124263612E-01 -.137590119E-01 -.150464653E-01 -.162805120E-01 -.174543733E-  
01  
-.185620286E-01 -.195977240E-01 -.205556068E-01 -.214294425E-01 -.222123882E-  
01  
-.228967998E-01 -.234740602E-01 -.239344161E-01 -.242668169E-01 -.244587489E-  
01  
-.244960607E-01 -.243627772E-01 -.240408999E-01 -.235101978E-01 -.227479904E-  
01  
-.217289391E-01 -.204248709E-01 -.188047023E-01 -.168346356E-01 -.144791390E-  
01  
-.117043196E-01 -.848920250E-02 -.486523013E-02 -.106068779E-02 .285509962E-  
02  
.687522808E-02 .109903336E-01 .151907777E-01 .194667131E-01 .238079156E-01  
.282036462E-01 .326425443E-01 .371125270E-01 .416006727E-01 .460930701E-01  
.505746158E-01 .550287490E-01 .594371206E-01 .637792080E-01 .680319093E-01  
.721691810E-01 .761618255E-01 .799775759E-01 .835816686E-01 .869380975E-01  
.900116845E-01 .927709244E-01 .951912601E-01 .972580935E-01 .989686514E-01  
-.105879818E-02 -.158224332E-02 -.223984869E-02 -.304443889E-02 -.400515575E-  
02  
-.512829414E-02 -.638140138E-02 -.771179907E-02 -.907812488E-02 -.104494502E-  
01  
-.118032326E-01 -.131230926E-01 -.143969128E-01 -.156153727E-01 -.167708708E-  
01  
-.178567459E-01 -.188667119E-01 -.197944408E-01 -.206332444E-01 -.213758223E-  
01  
-.220140517E-01 -.225388012E-01 -.229397579E-01 -.232052590E-01 -.233221202E-  
01  
-.232754584E-01 -.230485050E-01 -.226224117E-01 -.219760523E-01 -.210858325E-  
01  
-.199255369E-01 -.184662724E-01 -.166766629E-01 -.145237041E-01 -.119755179E-  
01  
-.901001074E-02 -.564340479E-02 -.202908750E-02 .169970306E-02 .553778182E-  
02  
.947730106E-02 .135086391E-01 .176212544E-01 .218039490E-01 .260448984E-01  
.303316245E-01 .346509644E-01 .389890413E-01 .433312284E-01 .476620941E-01  
.519653139E-01 .562235399E-01 .604182251E-01 .645294162E-01 .685355422E-01  
.724132553E-01 .761374034E-01 .796812412E-01 .830169963E-01 .861168924E-01  
.889546702E-01 .915075226E-01 .937581920E-01 .956968127E-01 .973220291E-01  
-.876239145E-03 -.132822085E-02 -.191238760E-02 -.264539709E-02 -.353603203E-  
02  
-.458673082E-02 -.578746034E-02 -.708249985E-02 -.842502688E-02 -.977938011E-  
02  
-.111194745E-01 -.124264191E-01 -.136863461E-01 -.148887051E-01 -.160250026E-  
01  
-.170878953E-01 -.180705365E-01 -.189660999E-01 -.197674215E-01 -.204667191E-  
01

-.210553624E-01 -.215236727E-01 -.218607398E-01 -.220542455E-01 -.220902879E-01  
-.219532016E-01 -.216253742E-01 -.210870605E-01 -.203162051E-01 -.192883005E-01  
-.179763387E-01 -.163510017E-01 -.143814452E-01 -.120376757E-01 -.929758879E-02  
-.616876081E-02 -.275951746E-02 .780220745E-03 .443900975E-02 .820761854E-02  
.120763292E-01 .160343928E-01 .200700990E-01 .241708704E-01 .283233100E-01  
.325132322E-01 .367257009E-01 .409450798E-01 .451550904E-01 .493388662E-01  
.534789874E-01 .575574868E-01 .615558178E-01 .654547943E-01 .692345205E-01  
.728743554E-01 .763529687E-01 .796485647E-01 .827393455E-01 .856042706E-01  
.882241154E-01 .905827525E-01 .926684853E-01 .944751818E-01 .960029492E-01  
-.661898125E-03 -.102991014E-02 -.153161277E-02 -.219156872E-02 -.301598027E-02  
-.400100222E-02 -.514035545E-02 -.639554171E-02 -.771176605E-02 -.904770892E-02  
-.103732055E-01 -.116665033E-01 -.129117609E-01 -.140970583E-01 -.152129231E-01  
-.162512725E-01 -.172046588E-01 -.180657248E-01 -.188268000E-01 -.194795892E-01  
-.200149207E-01 -.204225306E-01 -.206908689E-01 -.208069167E-01 -.207560062E-01  
-.205216426E-01 -.200853276E-01 -.194263932E-01 -.185218661E-01 -.173464168E-01  
-.158725272E-01 -.140712090E-01 -.119141279E-01 -.937959786E-02 -.647015959E-02  
-.326684172E-02 .788380937E-04 .355639154E-02 .715507493E-02 .108643504E-01  
.146731738E-01 .185695930E-01 .225406321E-01 .265722847E-01 .306495495E-01  
.347564957E-01 .388763643E-01 .429917036E-01 .470845326E-01 .511365173E-01  
.551291417E-01 .590438531E-01 .628621687E-01 .665657394E-01 .701363809E-01  
.735561022E-01 .768071744E-01 .798722945E-01 .827348974E-01 .853796501E-01  
.877931267E-01 .899646103E-01 .918869088E-01 .935570364E-01 .949766078E-01  
-.406873957E-03 -.671686994E-03 -.107683461E-02 -.166730208E-02 -.243703890E-02  
-.336829780E-02 -.444559395E-02 -.565582902E-02 -.694140636E-02 -.825575273E-02  
-.956430280E-02 -.108420741E-01 -.120709688E-01 -.132375017E-01 -.143310873E-01  
-.153428103E-01 -.162645540E-01 -.170883772E-01 -.178060574E-01 -.184087437E-01  
-.188866798E-01 -.192289722E-01 -.194233853E-01 -.194561529E-01 -.193117972E-01  
-.189729582E-01 -.184202364E-01 -.176320707E-01 -.165846933E-01 -.152522744E-01  
-.136075551E-01 -.116237780E-01 -.928000976E-02 -.657606380E-02 -.357629085E-02  
-.425204823E-03 .286874562E-02 .629588621E-02 .984573401E-02 .135071735E-01  
.172682383E-01 .211158866E-01 .250358789E-01 .290127416E-01 .330298008E-01  
.370692796E-01 .411124624E-01 .451399235E-01 .491318106E-01 .530681622E-01  
.569292325E-01 .606957908E-01 .643493689E-01 .678724371E-01 .712485083E-01  
.744621863E-01 .774991941E-01 .803464275E-01 .829920823E-01 .854258884E-01  
.876394577E-01 .896267165E-01 .913843547E-01 .929122011E-01 .942134318E-01

-.101369620E-03 -.229962267E-03 -.508944160E-03 -.104991911E-02 -.179220021E-02  
-.269105861E-02 -.372288283E-02 -.487616319E-02 -.612216905E-02 -.740839957E-02  
-.869514444E-02 -.995360090E-02 -.111629777E-01 -.123079086E-01 -.133764701E-01  
-.143587535E-01 -.152458566E-01 -.160291660E-01 -.166998373E-01 -.172484036E-01  
-.176644693E-01 -.179364594E-01 -.180514045E-01 -.179947484E-01 -.177501740E-01  
-.172994510E-01 -.166223271E-01 -.156965064E-01 -.144978199E-01 -.130008171E-01  
-.111804691E-01 -.901701407E-02 -.650919870E-02 -.371137030E-02 -.754663344E-03  
.235434443E-02 .560763977E-02 .899594297E-02 .125088605E-01 .161349214E-01  
.198614598E-01 .236744620E-01 .275584539E-01 .314964560E-01 .354700200E-01  
.394593576E-01 .434435707E-01 .474009840E-01 .513095685E-01 .551474287E-01  
.588933110E-01 .625270855E-01 .660301491E-01 .693857160E-01 .725789746E-01  
.755971218E-01 .784293036E-01 .810665124E-01 .835014971E-01 .857287313E-01  
.877444659E-01 .895468591E-01 .911361499E-01 .925148161E-01 .936876582E-01  
.256978875E-03 .327577019E-03 .261471481E-03 -.312509244E-03 -.108304407E-02  
-.197842078E-02 -.297900386E-02 -.407736879E-02 -.526849135E-02 -.651518022E-02  
-.777147771E-02 -.900396601E-02 -.101885139E-01 -.113073728E-01 -.123469083E-01  
-.132959492E-01 -.141446142E-01 -.148834780E-01 -.155029683E-01 -.159929186E-01  
-.163422245E-01 -.165385713E-01 -.165682096E-01 -.164157684E-01 -.160640991E-01  
-.154941702E-01 -.146850680E-01 -.136142085E-01 -.122580408E-01 -.105937366E-01  
-.860341280E-02 -.628620121E-02 -.369097986E-02 -.929626201E-03 .199264062E-02  
.506934597E-02 .829273085E-02 .116537504E-01 .151420601E-01 .187459457E-01  
.224521876E-01 .262459037E-01 .301104194E-01 .340272029E-01 .379758957E-01  
.419344648E-01 .458794998E-01 .497866621E-01 .536312768E-01 .573890307E-01  
.610367147E-01 .645529334E-01 .679187016E-01 .711178617E-01 .741372860E-01  
.769668618E-01 .795992950E-01 .820297961E-01 .842557263E-01 .862762771E-01  
.880922335E-01 .897058402E-01 .911207537E-01 .923420453E-01 .933762042E-01  
.637570132E-03 .102220109E-02 .149333967E-02 .536295392E-03 -.342698475E-03  
-.125638905E-02 -.223367703E-02 -.328206129E-02 -.440224096E-02 -.559162215E-02  
-.680356173E-02 -.799940152E-02 -.915079965E-02 -.102368660E-01 -.112416686E-01  
-.121523478E-01 -.129577424E-01 -.136474031E-01 -.142108775E-01 -.146371865E-01  
-.149144325E-01 -.150295006E-01 -.149678324E-01 -.147132629E-01 -.142479133E-01  
-.135521895E-01 -.126050355E-01 -.113846572E-01 -.987058889E-02 -.804822121E-02  
-.591888331E-02 -.352951464E-02 -.966299420E-03 .176619817E-02 .466262534E-02  
.771662811E-02 .109206928E-01 .142660135E-01 .177423546E-01 .213378836E-01



.250389708E-01 .288299795E-01 .326930836E-01 .366081537E-01 .405527561E-01  
.445023100E-01 .484304442E-01 .523095762E-01 .561117100E-01 .598094063E-01  
.633768356E-01 .667907946E-01 .700315563E-01 .730834497E-01 .759351028E-01  
.785793415E-01 .810127902E-01 .832352669E-01 .852490940E-01 .870584395E-01  
.886687753E-01 .900864945E-01 .913186838E-01 .923730174E-01 .932577231E-01  
.981018304E-03 .149012129E-02 .199316880E-02 .119075808E-02 .331564606E-03  
-.566320647E-03 -.151022486E-02 -.250611958E-02 -.355634776E-02 -.466117280E-  
02  
-.580770455E-02 -.695085167E-02 -.805676697E-02 -.910032102E-02 -.100624173E-  
01  
-.109278832E-01 -.116838391E-01 -.123185112E-01 -.128203587E-01 -.131774450E-  
01  
-.133769859E-01 -.134050195E-01 -.132461956E-01 -.128836899E-01 -.122992171E-  
01  
-.114732491E-01 -.103858930E-01 -.901860547E-02 -.735972423E-02 -.541673849E-  
02  
-.323849334E-02 -.877685839E-03 .166086772E-02 .437236469E-02 .725152971E-  
02  
.102922818E-01 .134874760E-01 .168286716E-01 .203058953E-01 .239073794E-01  
.276192742E-01 .314253486E-01 .353067153E-01 .392416250E-01 .432053919E-01  
.471705189E-01 .511070917E-01 .549834974E-01 .587674755E-01 .624274506E-01  
.659340165E-01 .692613827E-01 .723885809E-01 .753002638E-01 .779869930E-01  
.804450002E-01 .826754870E-01 .846836094E-01 .864773370E-01 .880663720E-01  
.894612644E-01 .906727862E-01 .917115601E-01 .925878975E-01 .933117753E-01  
.126830642E-02 .193830364E-02 .266173976E-02 .179676033E-02 .945741895E-03  
.766917414E-04 -.823811828E-03 -.176185848E-02 -.273942501E-02 -.375579746E-  
02  
-.480794848E-02 -.587593182E-02 -.691897889E-02 -.790643519E-02 -.881488499E-  
02  
-.962601572E-02 -.103246384E-01 -.108972620E-01 -.113309890E-01 -.116127545E-  
01  
-.117288081E-01 -.116643476E-01 -.114033571E-01 -.109287543E-01 -.102227035E-  
01  
-.926723097E-02 -.804694954E-02 -.655203128E-02 -.479192396E-02 -.282981374E-  
02  
-.675625350E-03 .166464431E-02 .418624169E-02 .688463004E-02 .975494997E-02  
.127916497E-01 .159881764E-01 .193366786E-01 .228276891E-01 .264497717E-01  
.301891280E-01 .340291775E-01 .379501435E-01 .419286987E-01 .459377501E-01  
.499464665E-01 .539206637E-01 .578236541E-01 .616176104E-01 .652653915E-01  
.687326437E-01 .719898778E-01 .750141920E-01 .777903819E-01 .803112832E-01  
.825773192E-01 .845953512E-01 .863770594E-01 .879371652E-01 .892917976E-01  
.904572063E-01 .914489007E-01 .922811875E-01 .929670216E-01 .935180642E-01  
.150430875E-02 .226793607E-02 .307782339E-02 .228011320E-02 .148125392E-02  
.661733011E-03 -.184238417E-03 -.105860525E-02 -.196101605E-02 -.288908238E-  
02  
-.383830766E-02 -.480183775E-02 -.575862952E-02 -.667162955E-02 -.751167064E-  
02  
-.825639581E-02 -.888757015E-02 -.938953617E-02 -.974772403E-02 -.994776089E-  
02  
-.997493622E-02 -.981377121E-02 -.944793625E-02 -.886108796E-02 -.803802147E-  
02  
-.696537250E-02 -.564127405E-02 -.407651326E-02 -.232245788E-02 -.374244272E-  
03  
.176556274E-02 .409337188E-02 .660556747E-02 .929844104E-02 .121679277E-01

.152093126E-01 .184169252E-01 .217838057E-01 .253013254E-01 .289587449E-01  
.327427029E-01 .366366434E-01 .406202097E-01 .446686642E-01 .487524345E-01  
.528369319E-01 .568828304E-01 .608470051E-01 .646842663E-01 .683498705E-01  
.718025386E-01 .750074844E-01 .779389039E-01 .805815366E-01 .829310788E-01  
.849934058E-01 .867827388E-01 .883191078E-01 .896256386E-01 .907261673E-01  
.916434827E-01 .923982631E-01 .930086148E-01 .934900460E-01 .938557054E-01  
.169892782E-02 .250257115E-02 .328270837E-02 .266349115E-02 .194644723E-02  
.118905901E-02 .404773194E-03 -.401999513E-03 -.122793265E-02 -.206876541E-  
02  
-.291857379E-02 -.376924637E-02 -.460978626E-02 -.542465090E-02 -.617675204E-  
02  
-.683931889E-02 -.739015134E-02 -.781110086E-02 -.808559059E-02 -.819778784E-  
02  
-.813231109E-02 -.787362180E-02 -.740580583E-02 -.671544592E-02 -.579589209E-  
02  
-.464206470E-02 -.329092587E-02 -.173826119E-02 .912553643E-05 .195003755E-  
02  
.408276544E-02 .640513359E-02 .891475589E-02 .116090324E-01 .144849937E-01  
.175390676E-01 .207667906E-01 .241624580E-01 .277186975E-01 .314259446E-01  
.352718064E-01 .392403062E-01 .433110277E-01 .474582120E-01 .516499221E-01  
.558474725E-01 .600054146E-01 .640724364E-01 .679935024E-01 .717133250E-01  
.751807965E-01 .783535100E-01 .812013887E-01 .837088964E-01 .858755457E-01  
.877146403E-01 .892503978E-01 .905139604E-01 .915392497E-01 .923595408E-01  
.930051774E-01 .935024128E-01 .938731232E-01 .941350805E-01 .943025155E-01  
.186134605E-02 .278341058E-02 .378361371E-02 .306005930E-02 .236909678E-02  
.166537399E-02 .943247951E-03 .205131641E-03 -.544582417E-03 -.130031301E-  
02  
-.205506136E-02 -.279999016E-02 -.352395167E-02 -.421312277E-02 -.485205586E-  
02  
-.541274904E-02 -.586713845E-02 -.619518516E-02 -.637793359E-02 -.639795966E-  
02  
-.624030632E-02 -.589136523E-02 -.533669324E-02 -.456922606E-02 -.361033349E-  
02  
-.245100939E-02 -.109510751E-02 .457003340E-03 .220324686E-02 .414259709E-  
02  
.627416525E-02 .859695008E-02 .111098149E-01 .138114365E-01 .167001803E-01  
.197739045E-01 .230296936E-01 .264635083E-01 .300697294E-01 .338405674E-01  
.377653028E-01 .418293317E-01 .460130050E-01 .502902894E-01 .546273593E-01  
.589813538E-01 .632997237E-01 .675207887E-01 .715762102E-01 .753958103E-01  
.789142940E-01 .820782276E-01 .848513091E-01 .872174826E-01 .891815755E-01  
.907673853E-01 .920132367E-01 .929655765E-01 .936725313E-01 .941790403E-01  
.945240789E-01 .947396735E-01 .948511134E-01 .948777994E-01 .948343283E-01  
.199669980E-02 .293528923E-02 .389240132E-02 .333444247E-02 .272610166E-02  
.208803686E-02 .143069321E-02 .761315746E-03 .864071649E-04 -.587199644E-03  
-.125171309E-02 -.189790984E-02 -.251473069E-02 -.308894275E-02 -.360481477E-  
02  
-.404225569E-02 -.438087073E-02 -.460424653E-02 -.468991013E-02 -.461837143E-  
02  
-.437817279E-02 -.396409809E-02 -.336358220E-02 -.257084142E-02 -.158855159E-  
02  
-.414462960E-03 .951566063E-03 .250984308E-02 .426028354E-02 .620299217E-02  
.833817509E-02 .106660465E-01 .131867853E-01 .159004813E-01 .188070363E-01  
.219060054E-01 .251963629E-01 .286761737E-01 .323421361E-01 .361889536E-01  
.402084790E-01 .443885686E-01 .487115844E-01 .531525127E-01 .576767483E-01

.622377673E-01 .667752320E-01 .712145283E-01 .754691809E-01 .794474907E-01  
.830632080E-01 .862469069E-01 .889533024E-01 .911655476E-01 .928960263E-01  
.941837277E-01 .950876364E-01 .956759817E-01 .960159054E-01 .961666740E-01  
.961767440E-01 .960835705E-01 .959148899E-01 .956905518E-01 .954243692E-01  
.210985012E-02 .307781143E-02 .403083141E-02 .358533618E-02 .304276142E-02  
.246451500E-02 .186928067E-02 .126652043E-02 .663803091E-03 .686661644E-04  
-.510682469E-03 -.106493765E-02 -.158336843E-02 -.205356205E-02 -.246123255E-  
02  
-.279009290E-02 -.302329077E-02 -.314461879E-02 -.313697016E-02 -.298493745E-  
02  
-.267677419E-02 -.220368100E-02 -.155679343E-02 -.730188548E-03 .278746681E-  
03  
.147262833E-02 .285331952E-02 .442238971E-02 .618118898E-02 .813106930E-02  
.102734478E-01 .126098160E-01 .151417372E-01 .178708243E-01 .207986819E-01  
.239267964E-01 .272563558E-01 .307879713E-01 .345212613E-01 .384542376E-01  
.425824128E-01 .468975177E-01 .513856952E-01 .560250224E-01 .607822612E-01  
.656089129E-01 .704370993E-01 .751766780E-01 .797163193E-01 .839322167E-01  
.877060726E-01 .909455793E-01 .935926722E-01 .956294304E-01 .970788781E-01  
.980021584E-01 .984898525E-01 .986423075E-01 .985523356E-01 .982962650E-01  
.979320123E-01 .975009877E-01 .970313864E-01 .965415362E-01 .960427597E-01  
.220412360E-02 .328657803E-02 .448958035E-02 .387072675E-02 .333208371E-02  
.279867911E-02 .226041047E-02 .172100684E-02 .118716897E-02 .666478111E-03  
.167199285E-03 -.301534612E-03 -.729502753E-03 -.110523387E-02 -.141595149E-  
02  
-.164771883E-02 -.178606453E-02 -.181656382E-02 -.172492687E-02 -.149800414E-  
02  
-.112461392E-02 -.595432143E-03 .976723789E-04 .961035897E-03 .199921732E-  
02  
.321597159E-02 .461443384E-02 .619737784E-02 .796738637E-02 .992701649E-02  
.120789071E-01 .144258472E-01 .169708219E-01 .197170382E-01 .226679225E-01  
.258270778E-01 .291981820E-01 .327847999E-01 .365900627E-01 .406161479E-01  
.448634523E-01 .493293028E-01 .540059767E-01 .588777177E-01 .639163678E-01  
.690752772E-01 .742815709E-01 .794281704E-01 .843699662E-01 .889331090E-01  
.929471671E-01 .962893241E-01 .988835396E-01 .100710732E+00 .101808041E+00  
.102267954E+00 .102232564E+00 .101851565E+00 .101252113E+00  
.100529184E+00  
.997479248E-01 .989501478E-01 .981609604E-01 .973941663E-01 .966562581E-01  
.228027562E-02 .332421168E-02 .437130955E-02 .400259288E-02 .355590033E-02  
.308355018E-02 .260321407E-02 .212481099E-02 .165649599E-02 .120617293E-02  
.782039633E-03 .392894056E-03 .483395296E-04 -.241100026E-03 -.463976636E-  
03  
-.608068474E-03 -.660725182E-03 -.609248862E-03 -.441212142E-03 -.144976363E-  
03  
.289882993E-03 .872495595E-03 .161081615E-02 .251152750E-02 .358013577E-02  
.482134819E-02 .623931843E-02 .783786524E-02 .962065373E-02 .115913556E-01  
.137537810E-01 .161119874E-01 .186703727E-01 .214337554E-01 .244074393E-01  
.275972551E-01 .310095645E-01 .346512045E-01 .385293288E-01 .426510816E-01  
.470229867E-01 .516498691E-01 .565329994E-01 .616669655E-01 .670344973E-01  
.725981291E-01 .782874468E-01 .839816681E-01 .894921150E-01 .945626604E-01  
.989271666E-01 .102434114E+00 .104980286E+00 .106547175E+00  
.107187822E+00  
.107032596E+00 .106317466E+00 .105271354E+00 .104064857E+00  
.102808661E+00  
.101568189E+00 .100378677E+00 .992565108E-01 .982068294E-01 .972283877E-01

.234002830E-02 .341499219E-02 .450897800E-02 .416078827E-02 .375370880E-02  
.332826312E-02 .290008205E-02 .247872933E-02 .207220868E-02 .168820943E-02  
.133459024E-02 .101965081E-02 .752303088E-03 .542155658E-03 .399502262E-03  
.335201860E-03 .360452889E-03 .486518750E-03 .724443090E-03 .108472648E-02  
.157706266E-02 .221022182E-02 .299204106E-02 .392942208E-02 .502842050E-02  
.629444368E-02 .773244667E-02 .934711975E-02 .111430618E-01 .131249423E-01  
.152976503E-01 .176664363E-01 .202370483E-01 .230158700E-01 .260100587E-01  
.292276843E-01 .326778631E-01 .363708718E-01 .403182180E-01 .445326145E-01  
.490277662E-01 .538177959E-01 .589159915E-01 .643322800E-01 .700683108E-01  
.761080635E-01 .824002547E-01 .888268974E-01 .951541857E-01 .100985784E+00  
.105836421E+00 .109593827E+00 .112092464E+00 .113328924E+00  
.113367596E+00  
.112349879E+00 .110718886E+00 .108833333E+00 .106907719E+00  
.105052879E+00  
.103318770E+00 .101722318E+00 .100263343E+00 .989333170E-01 .977201209E-  
01  
.238325507E-02 .353793677E-02 .481667482E-02 .433003592E-02 .392308147E-02  
.353257336E-02 .315113119E-02 .278301379E-02 .243474568E-02 .211332160E-02  
.182601737E-02 .158049815E-02 .138493437E-02 .124805930E-02 .117915150E-02  
.118793933E-02 .128443717E-02 .147874040E-02 .178080393E-02 .220021815E-02  
.274602499E-02 .342661034E-02 .424966659E-02 .522220120E-02 .635060614E-02  
.764078608E-02 .909831029E-02 .107285730E-01 .125369556E-01 .145289891E-01  
.167105172E-01 .190878640E-01 .216680114E-01 .244587905E-01 .274690964E-01  
.307091293E-01 .341906694E-01 .379273883E-01 .419351951E-01 .462326031E-01  
.508410797E-01 .557852854E-01 .610929996E-01 .667942789E-01 .729188236E-01  
.794891404E-01 .865035649E-01 .938943652E-01 .101426882E+00 .108488973E+00  
.113917314E+00 .118068272E+00 .120499643E+00 .121319474E+00  
.120595446E+00  
.118258325E+00 .115345993E+00 .112404585E+00 .109649752E+00  
.107148280E+00  
.104906034E+00 .102905296E+00 .101120381E+00 .995242449E-01 .980912612E-  
01  
.240830347E-02 .351052397E-02 .462311587E-02 .436300045E-02 .403117690E-02  
.368880710E-02 .335445353E-02 .303733384E-02 .274446975E-02 .248240794E-02  
.225777246E-02 .207751438E-02 .194903804E-02 .188024565E-02 .187951412E-02  
.195561295E-02 .211757498E-02 .237453735E-02 .273557094E-02 .320951506E-02  
.380484098E-02 .452956241E-02 .539119634E-02 .639676918E-02 .755286931E-02  
.886574150E-02 .103414091E-01 .119858135E-01 .138049660E-01 .158051089E-01  
.179928895E-01 .203755486E-01 .229611311E-01 .257587276E-01 .287787578E-01  
.320333096E-01 .355365522E-01 .393052467E-01 .433593815E-01 .477229706E-01  
.524250552E-01 .575009573E-01 .629938242E-01 .689564704E-01 .754533843E-01  
.825622453E-01 .903720210E-01 .989639024E-01 .108307966E+00 .117741791E+00  
.123362841E+00 .128321188E+00 .130546935E+00 .130854709E+00  
.129410401E+00  
.124698160E+00 .119954110E+00 .115743248E+00 .112096638E+00  
.108947333E+00  
.106219098E+00 .103843726E+00 .101763370E+00 .999297121E-01 .983025602E-  
01  
.241439518E-02 .354896864E-02 .474908572E-02 .443018071E-02 .411191749E-02  
.380282633E-02 .351064177E-02 .324175604E-02 .300187297E-02 .279655345E-02  
.263155774E-02 .251303666E-02 .244761937E-02 .244242849E-02 .250504085E-02  
.264340659E-02 .286573736E-02 .318037639E-02 .359566304E-02 .411980536E-02  
.476077470E-02 .552623354E-02 .642350122E-02 .745955771E-02 .864108489E-02  
.997454181E-02 .114662672E-01 .131226038E-01 .149500402E-01 .169553705E-01

.191458736E-01 .215295167E-01 .241151911E-01 .269129926E-01 .299345601E-01  
.331934957E-01 .367058951E-01 .404910289E-01 .445722358E-01 .489781101E-01  
.537441140E-01 .589148073E-01 .645470116E-01 .707144683E-01 .775151330E-01  
.850839384E-01 .936195064E-01 .103454070E+00 .115276793E+00  
.130947055E+00  
.133567433E+00 .141370969E+00 .142534464E+00 .142132212E+00  
.141441021E+00  
.131090862E+00 .123955510E+00 .118454182E+00 .113992194E+00  
.110279319E+00  
.107139978E+00 .104453332E+00 .102130404E+00 .100103187E+00 .983184273E-  
01  
.239795618E-02 .355654320E-02 .482644957E-02 .445636202E-02 .414821809E-02  
.386955346E-02 .361778012E-02 .339578817E-02 .320744885E-02 .305704881E-02  
.294935065E-02 .288966877E-02 .288388459E-02 .293841255E-02 .306013276E-02  
.325630058E-02 .353444128E-02 .390223727E-02 .436741629E-02 .493764935E-02  
.562046713E-02 .642320211E-02 .735296053E-02 .841662557E-02 .962089145E-02  
.109723267E-01 .124774635E-01 .141429090E-01 .159754797E-01 .179823556E-01  
.201712610E-01 .225506752E-01 .251300826E-01 .279202762E-01 .309337327E-01  
.341850845E-01 .376917281E-01 .414746218E-01 .455593531E-01 .499775972E-01  
.547691515E-01 .599848399E-01 .656907585E-01 .719746416E-01 .789556856E-01  
.868002545E-01 .957484698E-01 .106164747E+00 .118657969E+00  
.134470200E+00  
.138005265E+00 .145691062E+00 .146941014E+00 .146285107E+00  
.144814487E+00  
.134122788E+00 .126219127E+00 .120045288E+00 .115073648E+00  
.110984152E+00  
.107563272E+00 .104661207E+00 .102169213E+00 .100006130E+00 .981098708E-  
01  
.235422778E-02 .345665184E-02 .459028910E-02 .437764166E-02 .412205082E-02  
.388258356E-02 .367339298E-02 .349891834E-02 .336195005E-02 .326555424E-02  
.321350827E-02 .321034376E-02 .326128028E-02 .337212913E-02 .354918940E-02  
.379914251E-02 .412894729E-02 .454573790E-02 .505672856E-02 .566912954E-02  
.639007977E-02 .722660063E-02 .818557383E-02 .927374508E-02 .104977539E-01  
.118641884E-01 .133796645E-01 .150509271E-01 .168849746E-01 .188892065E-01  
.210715994E-01 .234409162E-01 .260069581E-01 .287808743E-01 .317755467E-01  
.350060806E-01 .384904380E-01 .422502760E-01 .463120737E-01 .507086834E-01  
.554815086E-01 .606836296E-01 .663843799E-01 .726761356E-01 .796843229E-01  
.875812084E-01 .965996139E-01 .107019213E+00 .118987701E+00  
.131535154E+00  
.137834148E+00 .143766590E+00 .145698700E+00 .145119189E+00  
.142255637E+00  
.134211438E+00 .126637333E+00 .120344159E+00 .115200924E+00  
.110961595E+00  
.107419036E+00 .104418080E+00 .101844316E+00 .996123562E-01 .976571536E-  
01  
.227792524E-02 .340357869E-02 .465220378E-02 .431220730E-02 .405192933E-02  
.384266403E-02 .367668106E-02 .355144985E-02 .346682951E-02 .342436794E-02  
.342693102E-02 .347842052E-02 .358355186E-02 .374767908E-02 .397665335E-02  
.427670388E-02 .465433362E-02 .511622641E-02 .566916503E-02 .631996170E-02  
.707540371E-02 .794221676E-02 .892704839E-02 .100364727E-01 .112770170E-01  
.126552105E-01 .141776542E-01 .158511127E-01 .176826280E-01 .196796567E-01  
.218502357E-01 .242031808E-01 .267483282E-01 .294968305E-01 .324615269E-01  
.356574119E-01 .391022401E-01 .428173205E-01 .468285786E-01 .511680036E-01  
.558756639E-01 .610025727E-01 .666148639E-01 .728000453E-01 .796766839E-01

.874101543E-01 .962405291E-01 .106540500E+00 .118970215E+00  
.135023412E+00  
.138140992E+00 .145912802E+00 .146979893E+00 .146207577E+00  
.144784830E+00  
.133699612E+00 .125660745E+00 .119400706E+00 .114349701E+00  
.110181373E+00  
.106682779E+00 .103705459E+00 .101141697E+00 .989109884E-01 .969516266E-  
01  
.215963406E-02 .323499334E-02 .443179832E-02 .412903405E-02 .390439889E-02  
.374049896E-02 .362585174E-02 .355454884E-02 .352462229E-02 .353672118E-02  
.359324192E-02 .369778244E-02 .385479657E-02 .406936607E-02 .434704078E-02  
.469371822E-02 .511554683E-02 .561884498E-02 .621003262E-02 .689557500E-02  
.768193969E-02 .857556845E-02 .958286548E-02 .107102033E-01 .119639471E-01  
.133504975E-01 .148763524E-01 .165481886E-01 .183729629E-01 .203580364E-01  
.225113236E-01 .248414730E-01 .273580845E-01 .300719764E-01 .329955154E-01  
.361430292E-01 .395313319E-01 .431804002E-01 .471142571E-01 .513621442E-01  
.559601016E-01 .609531333E-01 .663982459E-01 .723688593E-01 .789616188E-01  
.863081855E-01 .945997905E-01 .104151045E+00 .115598489E+00  
.130585026E+00  
.133269402E+00 .140648712E+00 .141693706E+00 .141125181E+00  
.140129135E+00  
.129981786E+00 .122787921E+00 .117156842E+00 .112542511E+00  
.108671420E+00  
.105375352E+00 .102537235E+00 .100070188E+00 .979074166E-01 .959963466E-  
01  
.198940848E-02 .296612657E-02 .406232684E-02 .383432711E-02 .367429098E-02  
.357500478E-02 .352314364E-02 .351201606E-02 .353969833E-02 .360712195E-02  
.371693990E-02 .387289879E-02 .407948333E-02 .434170220E-02 .466494788E-02  
.505489631E-02 .551742893E-02 .605856903E-02 .668442884E-02 .740116661E-02  
.821495440E-02 .913195761E-02 .101583277E-01 .113002088E-01 .125637598E-01  
.139551920E-01 .154808219E-01 .171471422E-01 .189609094E-01 .209292506E-01  
.230597930E-01 .253608178E-01 .278414456E-01 .305118593E-01 .333835749E-01  
.364697721E-01 .397857020E-01 .433491924E-01 .471812767E-01 .513069780E-01  
.557562827E-01 .605653329E-01 .657778453E-01 .714466850E-01 .776352924E-01  
.844178921E-01 .918746959E-01 .100067724E+00 .108937547E+00  
.117836313E+00  
.123178967E+00 .127778097E+00 .129721242E+00 .129739787E+00  
.127998784E+00  
.123165709E+00 .118247005E+00 .113813466E+00 .109924622E+00  
.106530357E+00  
.103562710E+00 .100957685E+00 .986597967E-01 .966221422E-01 .948053382E-01  
.176144234E-02 .264196958E-02 .396501723E-02 .344707902E-02 .336885483E-02  
.335444731E-02 .337681104E-02 .343136933E-02 .351872096E-02 .364150670E-02  
.380341914E-02 .400879444E-02 .426241053E-02 .456937065E-02 .493502568E-02  
.536491565E-02 .586472162E-02 .644022438E-02 .709726898E-02 .784173544E-02  
.867951673E-02 .961650533E-02 .106585896E-01 .118116614E-01 .130816348E-01  
.144744786E-01 .159962605E-01 .176532060E-01 .194517709E-01 .213987297E-01  
.235012801E-01 .257671674E-01 .282048292E-01 .308235669E-01 .336337442E-01  
.366470212E-01 .398766242E-01 .433376558E-01 .470474401E-01 .510258868E-01  
.552958316E-01 .598832518E-01 .648171376E-01 .701285313E-01 .758476194E-01  
.819960909E-01 .885671259E-01 .954720081E-01 .102415627E+00 .108775837E+00  
.113922608E+00 .117621992E+00 .119690619E+00 .120099065E+00  
.118904691E+00



















-.431457690E-49 -.191730549E-51 -.180026044E-51 -.160900387E-51 -.130413042E-  
 51  
 -.821510756E-52 -.546443238E-53 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .719142892E+05 -.241816856E+06 -.347456594E+06 -.410270347E+06  
 -.446097161E+06  
 -.465716247E+06 -.476109361E+06 -.481645234E+06 -.484954667E+06  
 -.487505295E+06  
 -.489933091E+06 -.492174573E+06 -.493401720E+06 -.491691847E+06  
 -.483231365E+06  
 -.460561832E+06 -.408776697E+06 -.297020345E+06 -.607952978E+05 -.651833262E-  
 48  
 -.292550663E-48 -.650212325E-49 -.212182761E-51 -.202161267E-51 -.185000899E-  
 51  
 -.156538814E-51 -.109874122E-51 -.332909340E-52 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .435097751E+05  
 -.239890101E+06 -.358914940E+06 -.426589248E+06 -.462327855E+06  
 -.479284999E+06  
 -.485904976E+06 -.487431330E+06 -.487040222E+06 -.486601168E+06  
 -.487154606E+06  
 -.489190757E+06 -.492786148E+06 -.497621234E+06 -.502863834E+06  
 -.506842079E+06  
 -.506305146E+06 -.494784272E+06 -.458862894E+06 -.369551825E+06  
 -.162746161E+06  
 -.805963789E-48 -.350760779E-48 -.133268523E-48 -.906120308E-50 -.217005249E-  
 51

-.201201590E-51 -.173690161E-51 -.126812618E-51 -.472471848E-52  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
-216202881E+06  
-.355980187E+06 -.433484371E+06 -.472175438E+06 -.488156067E+06  
-.491757609E+06  
-.489349579E+06 -.484756153E+06 -.480222429E+06 -.477030381E+06  
-.475875339E+06  
-.477086185E+06 -.480742044E+06 -.486712604E+06 -.494625824E+06  
-.503737321E+06  
-.512622055E+06 -.518490163E+06 -.515637845E+06 -.491797904E+06  
-.419220145E+06  
-.232595912E+06 -.914830159E-48 -.393151829E-48 -.183728141E-48 -.203723132E-  
49  
-.227304826E-51 -.212143273E-51 -.184379366E-51 -.135228071E-51 -.490087178E-  
52  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -169713532E+06  
-338612058E+06  
-.432201548E+06 -.477933830E+06 -.495400697E+06 -.497360459E+06  
-.491694859E+06  
-.483111059E+06 -.474347973E+06 -.466957697E+06 -.461788658E+06  
-.459275826E+06  
-.459610019E+06 -.462830830E+06 -.468867721E+06 -.477538473E+06  
-.488498659E+06  
-.501111922E+06 -.514161935E+06 -.525210197E+06 -.529101667E+06  
-.514299458E+06  
-.453439683E+06 -.278533042E+06 -.990752817E-48 -.449920200E-48 -.215084308E-  
48  
-.260994053E-49 -.234631622E-51 -.219295471E-51 -.189878846E-51 -.135949302E-  
51



.383792107E-52 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .973244780E+05 .304300149E+06  
-421552458E+06  
-479616879E+06 -.501895105E+06 -.504161758E+06 -.496310881E+06  
-484274457E+06  
-471493231E+06 -.459901996E+06 -.450548016E+06 -.443965900E+06  
-440399941E+06  
-439933197E+06 -.442559363E+06 -.448217879E+06 -.456801977E+06  
-468140264E+06  
-481941082E+06 -.497668033E+06 -.514267884E+06 -.529552563E+06  
-538714085E+06  
-530530051E+06 -.477124091E+06 -.305582499E+06 -.104117525E-47 -489072318E-  
48  
-228000946E-48 -.259126722E-49 -.239837255E-51 -.223357811E-51 -.190554729E-  
51  
-128588621E-51 -.132583912E-52 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .248204961E+06 .398208041E+06  
-475453667E+06  
-507036467E+06 -.512315790E+06 -.503808581E+06 -.489132124E+06  
-472729980E+06  
-457100559E+06 -.443590438E+06 -.432881660E+06 -.425282876E+06  
-420900216E+06  
-419735807E+06 -.421742763E+06 -.426853187E+06 -.434987826E+06  
-446050157E+06  
-459901731E+06 -.476306213E+06 -.494809918E+06 -.514478605E+06  
-533283700E+06  
-546574573E+06 -.543015056E+06 -.493105555E+06 -.315683163E+06 -.107115623E-  
47  
-476538781E-48 -.220905561E-48 -.187612274E-49 -.243289740E-51 -.224448402E-  
51  
-185969710E-51 -.111462768E-51 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .162619238E+06 -.356312241E+06 -.461754744E+06  
-508840746E+06  
.520971374E+06 .514016314E+06 .497891529E+06 .478467124E+06  
.459070929E+06  
.441505713E+06 .426688428E+06 .415036311E+06 .406694773E+06  
.401669787E+06  
.399903541E+06 .401316411E+06 .405828597E+06 .413368638E+06  
.423872013E+06  
.437269512E+06 .453460564E+06 .472258114E+06 .493271782E+06  
.515645136E+06  
.537423407E+06 .553920113E+06 .553185287E+06 .502582279E+06  
.307578400E+06  
.107907577E-47 -.455012505E-48 .189047613E-48 .256110903E-50 -.244978519E-  
51  
.222146143E-51 .174791209E-51 .811923280E-52 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.339472014E+05 .286078201E+06 .432121220E+06 .503543474E+06  
.528143865E+06  
.526036627E+06 .510268556E+06 .488740479E+06 .465999993E+06  
.444542094E+06  
.425655055E+06 .409940180E+06 .397621093E+06 .388724165E+06  
.383182187E+06  
.380892939E+06 .381751288E+06 .385665600E+06 .392564415E+06  
.402396349E+06  
.415123926E+06 .430709667E+06 .449088820E+06 .470114559E+06  
.493440362E+06  
.518247965E+06 .542568881E+06 .561458465E+06 .561690919E+06  
.505229252E+06  
.275822400E+06 .105977107E-47 .444025488E-48 .130643972E-48 -.256827780E-  
51  
.244525351E-51 .215401997E-51 .154473881E-51 .318400850E-52  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 -.171574670E+06 -.375829978E+06 -.484599054E+06 -.530165775E+06  
 -.537994082E+06  
 -.525420998E+06 -.503262424E+06 -.477872162E+06 -.452797645E+06  
 -.429909416E+06  
 -.410112104E+06 -.393772578E+06 -.380971087E+06 -.371645986E+06  
 -.365675863E+06  
 -.362925268E+06 -.363269328E+06 -.366606036E+06 -.372861107E+06  
 -.381987962E+06  
 -.393963802E+06 -.408781359E+06 -.426434001E+06 -.446888027E+06  
 -.470026910E+06  
 -.495528688E+06 -.522572353E+06 -.549074991E+06 -.569542135E+06  
 -.568495230E+06  
 -.498829063E+06 -.208139880E+06 -.100171652E-47 -.415798981E-48 -.779207836E-  
 49  
 -.257865550E-51 -.241105217E-51 -.202289124E-51 -.120604966E-51  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 -.275315956E+06 -.440876624E+06 -.520560220E+06 -.546401297E+06  
 -.541628864E+06  
 -.521289978E+06 -.494447449E+06 -.466265069E+06 -.439528949E+06  
 -.415636905E+06  
 -.395204037E+06 -.378420646E+06 -.365259138E+06 -.355591666E+06  
 -.349255939E+06  
 -.346091207E+06 -.345957171E+06 -.348743061E+06 -.354370934E+06  
 -.362795325E+06  
 -.374000201E+06 -.387993286E+06 -.404796810E+06 -.424431970E+06  
 -.446890383E+06  
 -.472075572E+06 -.499669881E+06 -.528802143E+06 -.557142861E+06  
 -.578219869E+06  
 -.572733120E+06 -.478181410E+06 -.799752192E+05 -.880250809E-48 -.359496962E-  
 48  
 -.506237830E-49 -.256957657E-51 -.233250260E-51 -.179503302E-51 -.656691004E-  
 52  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-1.03761461E+06  
-.354030189E+06 -.488116892E+06 -.544959006E+06 -.555614369E+06  
-.541269356E+06  
-.515095089E+06 -.484772182E+06 -.454541940E+06 -.426604931E+06  
-.401996671E+06  
-.381110687E+06 -.364002203E+06 -.350561083E+06 -.340608721E+06  
-.333951328E+06  
-.330408445E+06 -.329827462E+06 -.332090199E+06 -.337114938E+06  
-.344855666E+06  
-.355299352E+06 -.368461483E+06 -.384379468E+06 -.403102722E+06  
-.424676407E+06  
-.449111268E+06 -.476319841E+06 -.505964954E+06 -.537062531E+06  
-.566842084E+06  
-.587169923E+06 -.572256795E+06 -.433110599E+06 -.445560912E-30 -.644869944E-  
48  
-.253672078E-48 -.269792277E-50 -.252977531E-51 -.218466536E-51 -.141425436E-  
51  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-1.95536861E+06  
-.414042538E+06 -.522536611E+06 -.561299539E+06 -.560133154E+06  
-.538420697E+06  
-.507798062E+06 -.474848343E+06 -.443090363E+06 -.414268900E+06  
-.389138081E+06  
-.367919369E+06 -.350562976E+06 -.336894450E+06 -.326695461E+06  
-.319747381E+06  
-.315853986E+06 -.314852551E+06 -.316618498E+06 -.321066421E+06  
-.328148959E+06  
-.337854200E+06 -.350201823E+06 -.365237828E+06 -.383027301E+06  
-.403643836E+06  
-.427152205E+06 -.453575393E+06 -.482821779E+06 -.514502926E+06  
-.547429082E+06  
-.578076772E+06 -.595476729E+06 -.562490414E+06 -.342437235E+06 -.117174559E-  
47  
-.473470944E-48 -.955638758E-49 -.265167477E-51 -.244026775E-51 -.192517223E-  
51  
-.783659323E-52 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-.268416407E+06  
-.460110745E+06 -.547716143E+06 -.572035872E+06 -.561554964E+06  
-.534093659E+06  
-.500028058E+06 -.465062131E+06 -.432142541E+06 -.402654868E+06  
-.377131770E+06  
-.355659165E+06 -.338104335E+06 -.324241817E+06 -.313821563E+06  
-.306604882E+06  
-.302382577E+06 -.300983347E+06 -.302276917E+06 -.306174280E+06  
-.312626277E+06  
-.321621071E+06 -.333180653E+06 -.347356296E+06 -.364222673E+06  
-.383869963E+06  
-.406392445E+06 -.431869526E+06 -.460328188E+06 -.491655269E+06  
-.525364539E+06  
-.559912000E+06 -.590481871E+06 -.601081121E+06 -.533409378E+06  
-.156932210E+06  
-.973839220E-48 -.373457380E-48 -.403682225E-49 -.260513874E-51 -.226882954E-  
51  
-.148076921E-51 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.749291981E+04  
-.326852386E+06  
-.495791938E+06 -.566218224E+06 -.578880712E+06 -.560970629E+06  
-.528961374E+06  
-.492189856E+06 -.455649303E+06 -.421828240E+06 -.391825774E+06  
-.365998035E+06  
-.344322712E+06 -.326600622E+06 -.312565169E+06 -.301940479E+06  
-.294471281E+06  
-.289937402E+06 -.288160040E+06 -.289003680E+06 -.292375740E+06  
-.298224940E+06  
-.306538844E+06 -.317340637E+06 -.330685061E+06 -.346653277E+06  
-.365346307E+06  
-.386876380E+06 -.411354379E+06 -.438868411E+06 -.469438887E+06  
-.502906310E+06  
-.538612916E+06 -.574403140E+06 -.603156973E+06 -.599427015E+06  
-.462654403E+06  
-.134157432E-47 -.540734611E-48 -.196232983E-48 -.270820203E-51 -.249825529E-  
51  
-.195959687E-51 -.721550717E-52 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 -.775526125E+05  
-.374226612E+06  
-.523689238E+06 -.579869814E+06 -.583028385E+06 -.559122885E+06  
-.523467745E+06  
-.484537549E+06 -.446745710E+06 -.412210070E+06 -.381798696E+06  
-.355725353E+06  
-.333880232E+06 -.316010155E+06 -.301814847E+06 -.290997033E+06  
-.283287438E+06  
-.278456371E+06 -.276318275E+06 -.276732684E+06 -.279603400E+06  
-.284876731E+06  
-.292539118E+06 -.302614171E+06 -.315158975E+06 -.330259459E+06  
-.348024561E+06  
-.368578879E+06 -.392053046E+06 -.418569680E+06 -.448218206E+06  
-.480998007E+06  
-.516664776E+06 -.554261720E+06 -.590537172E+06 -.614010860E+06  
-.580108022E+06  
-.297487406E+06 -.111698439E-47 -.420991976E-48 -.508069510E-49 -.264914594E-  
51  
-.228804454E-51 -.141305896E-51 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.136194715E+06  
-.412815587E+06  
-.545670355E+06 -.589972722E+06 -.585313193E+06 -.556516224E+06  
-.517901592E+06  
-.477224472E+06 -.438421298E+06 -.403307073E+06 -.372561600E+06  
-.346282587E+06  
-.324288682E+06 -.306282303E+06 -.291935219E+06 -.280932129E+06  
-.272991715E+06  
-.267875847E+06 -.265392738E+06 -.265397140E+06 -.267789151E+06  
-.272512374E+06  
-.279551666E+06 -.288930428E+06 -.300707269E+06 -.314971773E+06  
-.331839150E+06  
-.351443545E+06 -.373929719E+06 -.399442286E+06 -.428109615E+06  
-.460012827E+06  
-.495108691E+06 -.533002400E+06 -.572198398E+06 -.607363712E+06  
-.618135351E+06  
-.517718031E+06 -.354816607E-29 -.643832375E-48 -.214027964E-48 -.274571490E-  
51  
-.251216979E-51 -.189760925E-51 -.446527872E-52 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.185277844E+06  
-.444402528E+06

-.563114660E+06 -.597463802E+06 -.586320328E+06 -.553492099E+06  
-.512446947E+06  
-.470336898E+06 -.430702970E+06 -.395110531E+06 -.364084511E+06  
-.337627071E+06  
-.315497757E+06 -.297362068E+06 -.282868282E+06 -.271685703E+06  
-.263522482E+06  
-.258132871E+06 -.255319241E+06 -.254931647E+06 -.256866358E+06  
-.261063981E+06  
-.267507346E+06 -.276219074E+06 -.287258582E+06 -.300718257E+06  
-.316718490E+06  
-.335401388E+06 -.356923036E+06 -.381444086E+06 -.409117660E+06  
-.440070345E+06  
-.474361398E+06 -.511869318E+06 -.551926255E+06 -.592011002E+06  
-.622544569E+06  
-.603492896E+06 -.347252050E+06 -.115224251E-47 -.417030887E-48 -.370192982E-49  
-.266345065E-51 -.223732425E-51 -.118500418E-51 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.226485361E+06  
-.470404523E+06  
-.577057860E+06 -.603023794E+06 -.586461704E+06 -.550280000E+06  
-.507217040E+06  
-.463916735E+06 -.423589944E+06 -.387594551E+06 -.356326968E+06  
-.329709979E+06  
-.307453849E+06 -.289193075E+06 -.274555981E+06 -.263198566E+06  
-.254819643E+06  
-.249166492E+06 -.246035926E+06 -.245273347E+06 -.246771055E+06  
-.250466367E+06  
-.256339655E+06 -.264412200E+06 -.274743559E+06 -.287428144E+06  
-.302590644E+06  
-.320380067E+06 -.340962272E+06 -.364511038E+06 -.391197515E+06  
-.421176524E+06  
-.454562950E+06 -.491373228E+06 -.531342806E+06 -.573283782E+06  
-.612584102E+06  
-.630253346E+06 -.538336955E+06 -.271568485E-29 -.548948163E-48 -.154811558E-48  
-.276356347E-51 -.247498050E-51 -.171335112E-51 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.261230619E+06  
-.491941479E+06  
-.588283742E+06 -.607150854E+06 -.586027691E+06 -.547032194E+06  
-.502277319E+06

-.457976832E+06 -.417064071E+06 -.380723161E+06 -.349242998E+06  
-.322479883E+06  
-.300102639E+06 -.281719501E+06 -.266941681E+06 -.255413552E+06  
-.246825560E+06  
-.240918530E+06 -.237483943E+06 -.236362565E+06 -.237442582E+06  
-.240657732E+06  
-.245985513E+06 -.253445311E+06 -.263096157E+06 -.275033722E+06  
-.289386162E+06  
-.306308484E+06 -.325975291E+06 -.348571952E+06 -.374284442E+06  
-.403287663E+06  
-.435729630E+06 -.471699607E+06 -.511135335E+06 -.553500881E+06  
-.596551131E+06  
-.631056254E+06 -.615146723E+06 -.333295822E+06 -.109322172E-47 -.364420240E-48  
-.282754718E-51 -.264025359E-51 -.209232884E-51 -.726781013E-52  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.290672013E+06  
-.509895369E+06  
-.597388432E+06 -.610211422E+06 -.585222790E+06 -.543847544E+06  
-.497661121E+06  
-.452511333E+06 -.411096777E+06 -.374455037E+06 -.342784411E+06  
-.315885092E+06  
-.293390791E+06 -.274887314E+06 -.259971080E+06 -.248276212E+06  
-.239485590E+06  
-.233334011E+06 -.229607812E+06 -.228143127E+06 -.228823891E+06  
-.231579989E+06  
-.236385636E+06 -.243257786E+06 -.252254271E+06 -.263471238E+06  
-.277039449E+06  
-.293119034E+06 -.311892457E+06 -.333555690E+06 -.358307953E+06  
-.386340445E+06  
-.417823614E+06 -.452887867E+06 -.491575432E+06 -.533677174E+06  
-.578110026E+06  
-.620308554E+06 -.639883075E+06 -.533470868E+06 -.113552877E-34 -.512250499E-48  
-.730355824E-49 -.275388354E-51 -.236439933E-51 -.134567357E-51  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.315752327E+06  
-.524961088E+06  
-.604827458E+06 -.612476156E+06 -.584190519E+06 -.540787988E+06  
-.493380418E+06  
-.447502712E+06 -.405653721E+06 -.368746659E+06 -.336902964E+06  
-.309875165E+06



-.287267016E+06 -.268645041E+06 -.253592766E+06 -.241735217E+06  
-.232748375E+06  
-.226361382E+06 -.222355583E+06 -.220562493E+06 -.220861664E+06  
-.223178880E+06  
-.227484683E+06 -.233793067E+06 -.242159991E+06 -.252681279E+06  
-.265489399E+06  
-.280748667E+06 -.298648504E+06 -.319394660E+06 -.343198688E+06  
-.370266363E+06  
-.400785658E+06 -.434912834E+06 -.472746248E+06 -.514243686E+06  
-.558905960E+06  
-.604461273E+06 -.640791637E+06 -.617699281E+06 -.249058625E+06 -.904998036E-  
48  
-.269350585E-48 -.283047248E-51 -.255945501E-51 -.179971062E-51  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.337239466E+06  
-.537687976E+06  
-.610950661E+06 -.614145674E+06 -.583030964E+06 -.537890036E+06  
-.489433241E+06  
-.442926556E+06 -.400697924E+06 -.363554373E+06 -.331551756E+06  
-.304401862E+06  
-.281682734E+06 -.262944211E+06 -.247758521E+06 -.235742556E+06  
-.226565973E+06  
-.219952578E+06 -.215678877E+06 -.213571769E+06 -.213506321E+06  
-.215403980E+06  
-.219231256E+06 -.224998675E+06 -.232759663E+06 -.242608901E+06  
-.254679623E+06  
-.269139319E+06 -.286183380E+06 -.306026464E+06 -.328891741E+06  
-.354998736E+06  
-.384550856E+06 -.417723116E+06 -.454646113E+06 -.495364236E+06  
-.539675791E+06  
-.586462419E+06 -.630644121E+06 -.647498363E+06 -.498860265E+06 -.127416903E-  
47  
-.429822320E-48 -.130964634E-49 -.269869301E-51 -.213391588E-51 -.672063119E-  
52  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.355762563E+06  
-.548512507E+06  
-.616028096E+06 -.615369136E+06 -.581813274E+06 -.535172850E+06  
-.485808812E+06  
-.438754834E+06 -.396191846E+06 -.358835739E+06 -.326686100E+06  
-.299419714E+06  
-.276592436E+06 -.257739594E+06 -.242423456E+06 -.230253604E+06  
-.220893873E+06

-.214063019E+06 -.209532845E+06 -.207125658E+06 -.206711948E+06  
-.208208625E+06  
-.211577834E+06 -.216826156E+06 -.224003836E+06 -.233203599E+06  
-.244558473E+06  
-.258238039E+06 -.274442561E+06 -.293394611E+06 -.315328223E+06  
-.340476131E+06  
-.369056379E+06 -.401259749E+06 -.437237628E+06 -.477080380E+06  
-.520738472E+06  
-.567681913E+06 -.615355945E+06 -.651432495E+06 -.608593965E+06  
-.589309495E+05  
-.558616028E-48 -.875503232E-49 -.279725317E-51 -.238044367E-51 -.125387146E-  
51  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.371842154E+06  
-.557783140E+06  
-.620269153E+06 -.616257738E+06 -.580584603E+06 -.532643960E+06  
-.482491122E+06  
-.434958097E+06 -.392098746E+06 -.354550364E+06 -.322264036E+06  
-.294886326E+06  
-.271953858E+06 -.252989278E+06 -.237546032E+06 -.225227104E+06  
-.215690944E+06  
-.208651524E+06 -.203876079E+06 -.201182353E+06 -.200436195E+06  
-.201549804E+06  
-.204480665E+06 -.209230965E+06 -.215847157E+06 -.224419207E+06  
-.235078952E+06  
-.247996935E+06 -.263377085E+06 -.281448753E+06 -.302455919E+06  
-.326643982E+06  
-.354245315E+06 -.385465487E+06 -.420471653E+06 -.459379909E+06  
-.502217879E+06  
-.548755424E+06 -.597719645E+06 -.642928931E+06 -.651573914E+06  
-.421275458E+06  
-.108335317E-47 -.326059011E-48 -.286602668E-51 -.256242115E-51 -.169206369E-  
51  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.343846710E+04 -.385911730E+06  
-.565777746E+06  
-.623836492E+06 -.616894583E+06 -.579376580E+06 -.530303309E+06  
-.479461385E+06  
-.431506953E+06 -.388383551E+06 -.350660398E+06 -.318246594E+06  
-.290762508E+06  
-.267728023E+06 -.248654654E+06 -.233088005E+06 -.220625080E+06  
-.210919338E+06  
-.203680207E+06 -.198670487E+06 -.195703411E+06 -.194640138E+06  
-.195388018E+06

-.197899615E+06 -.202172321E+06 -.208248220E+06 -.216213745E+06  
-.226198568E+06  
-.238373028E+06 -.252943441E+06 -.270144649E+06 -.290229476E+06  
-.313455267E+06  
-.340068500E+06 -.370289449E+06 -.404299360E+06 -.442230668E+06  
-.484149850E+06  
-.529977424E+06 -.579093996E+06 -.628401051E+06 -.661788419E+06  
-.583070507E+06  
-.580110080E-34 -.470666739E-48 -.231962767E-49 -.269660004E-51 -.202355132E-  
51  
-.245450782E-52 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.222951188E+05 -.398310458E+06  
-.572713097E+06  
-.626856123E+06 -.617341948E+06 -.578209980E+06 -.528146093E+06  
-.476699720E+06  
-.428373016E+06 -.385013361E+06 -.347130782E+06 -.314597895E+06  
-.287012277E+06  
-.263879184E+06 -.244700332E+06 -.229014321E+06 -.216412720E+06  
-.206544352E+06  
-.199114328E+06 -.193881152E+06 -.190653599E+06 -.189288125E+06  
-.189687122E+06  
-.191798016E+06 -.195613044E+06 -.201169391E+06 -.208549236E+06  
-.217879131E+06  
-.229328050E+06 -.243103357E+06 -.259443984E+06 -.278610307E+06  
-.300870668E+06  
-.326485282E+06 -.355689340E+06 -.388678173E+06 -.425597027E+06  
-.466532548E+06  
-.511478580E+06 -.560145634E+06 -.610991860E+06 -.656082943E+06  
-.649732551E+06  
-.282491371E+06 -.724780207E-48 -.144679317E-48 -.279519896E-51 -.227525366E-  
51  
-.856510401E-52 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.391198621E+05 -.409244026E+06  
-.578751479E+06  
-.629425421E+06 -.617646721E+06 -.577098050E+06 -.526164718E+06  
-.474186236E+06  
-.425529477E+06 -.381957718E+06 -.343929333E+06 -.311285127E+06  
-.283602777E+06  
-.260374718E+06 -.241094003E+06 -.225292967E+06 -.212558222E+06  
-.202534277E+06  
-.194922141E+06 -.189476163E+06 -.186000734E+06 -.184347613E+06  
-.184414159E+06  
-.186142484E+06 -.189519367E+06 -.194576624E+06 -.201391502E+06  
-.210086536E+06

-.220828194E+06 -.233823534E+06 -.249314090E+06 -.267566330E+06  
-.288858409E+06  
-.313463654E+06 -.341632338E+06 -.373574592E+06 -.409448039E+06  
-.449351475E+06  
-.493312801E+06 -.541204096E+06 -.592266641E+06 -.642597128E+06  
-.670450338E+06  
-.534740703E+06 -.123271467E-47 -.382183787E-48 -.286719176E-51 -.246693747E-  
51  
-.132888274E-51 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.540751001E+05 -.418885805E+06  
-.584021859E+06  
-.631620900E+06 -.617844443E+06 -.576048808E+06 -.524350072E+06  
-.471901694E+06  
-.422951404E+06 -.379188690E+06 -.341026713E+06 -.308278448E+06  
-.280504146E+06  
-.257184966E+06 -.237806286E+06 -.221894812E+06 -.209032630E+06  
-.198860230E+06  
-.191074726E+06 -.185426453E+06 -.181715510E+06 -.179788988E+06  
-.179539175E+06  
-.180902739E+06 -.183860750E+06 -.188439246E+06 -.194709939E+06  
-.202790513E+06  
-.212843837E+06 -.225075325E+06 -.239727584E+06 -.257071589E+06  
-.277393894E+06  
-.300980024E+06 -.328095251E+06 -.358965376E+06 -.393761485E+06  
-.432592307E+06  
-.475501177E+06 -.522434740E+06 -.573021351E+06 -.625350259E+06  
-.669049080E+06  
-.639664977E+06 -.610747432E+05 -.516549878E-48 -.445975444E-49 -.261321581E-  
51  
-.169597126E-51 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.673478255E+05 -.427390123E+06  
-.588630709E+06  
-.633503750E+06 -.617962226E+06 -.575066603E+06 -.522692334E+06  
-.469827886E+06  
-.420615858E+06 -.376680844E+06 -.338396316E+06 -.305550836E+06  
-.277689345E+06  
-.254283063E+06 -.234810544E+06 -.218793429E+06 -.205809660E+06  
-.195495981E+06  
-.187545812E+06 -.181705624E+06 -.177771323E+06 -.175585391E+06  
-.175035041E+06  
-.176051412E+06 -.178609672E+06 -.182729744E+06 -.188477280E+06  
-.195964357E+06  
-.205349232E+06 -.216834383E+06 -.230661961E+06 -.247105783E+06  
-.266459204E+06

-.289018736E+06 -.315064220E+06 -.344837821E+06 -.378525753E+06  
-.416247505E+06  
-.458054516E+06 -.503924172E+06 -.553667054E+06 -.606346649E+06  
-.657018169E+06  
-.676401260E+06 -.460518962E+06 -.100209609E-47 -.257000672E-48 -.272496391E-  
51  
-.198263167E-51 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.791184833E+05 -.434893634E+06  
-.592667411E+06  
-.635123545E+06 -.618020839E+06 -.574153214E+06 -.521181489E+06  
-.467947808E+06  
-.418501890E+06 -.374411143E+06 -.336014119E+06 -.303077911E+06  
-.275133977E+06  
-.251644749E+06 -.232082703E+06 -.215964911E+06 -.202865520E+06  
-.192417777E+06  
-.184311608E+06 -.178289768E+06 -.174144093E+06 -.171712535E+06  
-.170877261E+06  
-.171563848E+06 -.173741426E+06 -.177423539E+06 -.182669344E+06  
-.189584650E+06  
-.198322181E+06 -.209080274E+06 -.222099136E+06 -.237653729E+06  
-.256042479E+06  
-.277571409E+06 -.302534123E+06 -.331189476E+06 -.363740487E+06  
-.400319707E+06  
-.440985620E+06 -.485726419E+06 -.534431156E+06 -.586628353E+06  
-.639957539E+06  
-.681045028E+06 -.621879047E+06 -.129779153E-33 -.457849701E-48 -.281032855E-  
51  
-.220748007E-51 -.526167282E-52 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.895520794E+05 -.441516145E+06  
-.596207502E+06  
-.636520794E+06 -.618036234E+06 -.573308620E+06 -.519807655E+06  
-.466245740E+06  
-.416590475E+06 -.372358804E+06 -.333858502E+06 -.300837742E+06  
-.272816085E+06  
-.249248176E+06 -.229601063E+06 -.213387693E+06 -.200178731E+06  
-.189604168E+06  
-.181350623E+06 -.175157298E+06 -.170812089E+06 -.168148522E+06  
-.167043789E+06  
-.167417908E+06 -.169233904E+06 -.172498756E+06 -.177264776E+06  
-.183630960E+06  
-.191743694E+06 -.201796072E+06 -.214024951E+06 -.228704772E+06  
-.246137226E+06  
-.266636153E+06 -.290507753E+06 -.318027430E+06 -.349416376E+06  
-.384822996E+06

-.424315085E+06 -.467884918E+06 -.515449856E+06 -.566748910E+06  
-.620640071E+06  
-.670979747E+06 -.679686394E+06 -.367366625E+06 -.698911131E-48 -.102111083E-48  
-.238454868E-51 -.975210895E-52 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.987961306E+05 -.447361970E+06  
-.599315002E+06  
-.637728796E+06 -.618020668E+06 -.572531574E+06 -.518561296E+06  
-.464707249E+06  
-.414864401E+06 -.370505133E+06 -.331910060E+06 -.298810655E+06  
-.270715962E+06  
-.247073717E+06 -.227346115E+06 -.211042372E+06 -.197729958E+06  
-.187035835E+06  
-.178643501E+06 -.172288773E+06 -.167755753E+06 -.164873670E+06  
-.163514836E+06  
-.163593774E+06 -.165067390E+06 -.167935988E+06 -.172244793E+06  
-.178085552E+06  
-.185597635E+06 -.194967933E+06 -.206428668E+06 -.220252164E+06  
-.236741557E+06  
-.256216672E+06 -.278994813E+06 -.305367308E+06 -.335574363E+06  
-.369782907E+06  
-.408073811E+06 -.450443828E+06 -.496817238E+06 -.547018843E+06  
-.600467462E+06  
-.654310518E+06 -.691864436E+06 -.598712374E+06 -.129668471E-47 -.397620128E-48  
-.252448083E-51 -.133458529E-51 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.106980997E+06 -.452521534E+06  
-.602044258E+06  
-.638775042E+06 -.617983555E+06 -.571820019E+06 -.517433361E+06  
-.463319160E+06  
-.413308159E+06 -.368833370E+06 -.330151423E+06 -.296979042E+06  
-.268815966E+06  
-.245103789E+06 -.225300366E+06 -.208911535E+06 -.195501839E+06  
-.184695425E+06  
-.176172858E+06 -.169666737E+06 -.164957535E+06 -.161870332E+06  
-.160272697E+06  
-.160073754E+06 -.161224346E+06 -.163718073E+06 -.167592924E+06  
-.172933084E+06  
-.179870379E+06 -.188584683E+06 -.199302453E+06 -.212292421E+06  
-.227857404E+06  
-.246321307E+06 -.268010793E+06 -.293232027E+06 -.322244448E+06  
-.355235646E+06  
-.392303670E+06 -.433453666E+06 -.478610761E+06 -.527627646E+06  
-.580168427E+06

-.634873683E+06 -.684315195E+06 -.680836025E+06 -.261914547E+06 -.535261579E-48  
-.448927035E-49 -.162354670E-51 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.114221090E+06 -.457073009E+06  
-.604441451E+06  
-.639682306E+06 -.617932115E+06 -.571171398E+06 -.516415369E+06  
-.462069511E+06  
-.411907813E+06 -.367328517E+06 -.328567078E+06 -.295327184E+06  
-.267100337E+06  
-.243322676E+06 -.223448168E+06 -.206979598E+06 -.193478828E+06  
-.182567396E+06  
-.173923120E+06 -.167275559E+06 -.162401730E+06 -.159122738E+06  
-.157301570E+06  
-.156842102E+06 -.157689219E+06 -.159829870E+06 -.163294762E+06  
-.168160329E+06  
-.174550469E+06 -.182637401E+06 -.192640864E+06 -.204824690E+06  
-.219489726E+06  
-.236962050E+06 -.257575776E+06 -.281650423E+06 -.309464230E+06  
-.341226828E+06  
-.377057118E+06 -.416973883E+06 -.460904812E+06 -.508706896E+06  
-.560140245E+06  
-.614510470E+06 -.668435901E+06 -.701627573E+06 -.570753361E+06 -.118078154E-47  
-.332472261E-48 -.185687386E-51 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.120616356E+06 -.461083850E+06  
-.606545855E+06  
-.640469503E+06 -.617871872E+06 -.570582882E+06 -.515499456E+06  
-.460947491E+06  
-.410650884E+06 -.365977200E+06 -.327143205E+06 -.293841080E+06  
-.265555038E+06  
-.241716369E+06 -.221775565E+06 -.205232653E+06 -.191647045E+06  
-.180637868E+06  
-.171880380E+06 -.165101283E+06 -.160074326E+06 -.156616829E+06  
-.154587393E+06  
-.153884832E+06 -.154448246E+06 -.156258051E+06 -.159337726E+06  
-.163755895E+06  
-.169628296E+06 -.177119035E+06 -.186440375E+06 -.197850144E+06  
-.211645726E+06  
-.228153560E+06 -.247713224E+06 -.270655795E+06 -.297277282E+06  
-.327809870E+06  
-.362396127E+06 -.401073691E+06 -.443778057E+06 -.490364467E+06  
-.540621997E+06  
-.594139776E+06 -.649317233E+06 -.697258797E+06 -.679324463E+06  
-.138296450E+06

.511236968E-48 -.206863081E-50 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.126253792E+06 -.464612170E+06  
-.608390885E+06  
-.641152379E+06 -.617807041E+06 -.570051539E+06 -.514678403E+06  
-.459943381E+06  
-.409526238E+06 -.364767519E+06 -.325867529E+06 -.292508297E+06  
-.264167597E+06  
-.240272419E+06 -.220270148E+06 -.203658326E+06 -.189994135E+06  
-.178894485E+06  
-.170032258E+06 -.163131491E+06 -.157962861E+06 -.154340114E+06  
-.152117690E+06  
-.151189565E+06 -.151489274E+06 -.152990903E+06 -.155710847E+06  
-.159709980E+06  
-.165095804E+06 -.172024039E+06 -.180698928E+06 -.191371409E+06  
-.204334137E+06  
-.219912237E+06 -.238448793E+06 -.260284444E+06 -.285731440E+06  
-.315044176E+06  
-.348390615E+06 -.385831648E+06 -.427316847E+06 -.472702094E+06  
-.521778809E+06  
-.574244645E+06 -.629276400E+06 -.682832855E+06 -.710109946E+06  
-.531920386E+06  
-.104325820E-47 -.256501253E-48 -.328809339E-52 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.131208881E+06 -.467707948E+06  
-.610004963E+06  
-.641744059E+06 -.617740824E+06 -.569574452E+06 -.513945638E+06  
-.459048480E+06  
-.408523974E+06 -.363688930E+06 -.324729182E+06 -.291317832E+06  
-.262926976E+06  
-.238979798E+06 -.218920919E+06 -.202245648E+06 -.188509143E+06  
-.177326288E+06  
-.168367776E+06 -.161355171E+06 -.156056288E+06 -.152281532E+06  
-.149881422E+06  
-.148745367E+06 -.148801602E+06 -.150018152E+06 -.152404566E+06  
-.156014144E+06  
-.160946227E+06 -.167348056E+06 -.175415532E+06 -.185392068E+06  
-.197564556E+06  
-.212255359E+06 -.229809216E+06 -.250574258E+06 -.274877071E+06  
-.302993163E+06  
-.335116487E+06 -.371334337E+06 -.411616217E+06 -.455824575E+06  
-.503746407E+06  
-.555111133E+06 -.609424770E+06 -.664754373E+06 -.710121093E+06  
-.671383792E+06  
-.906310701E-29 -.476063395E-48 -.656947910E-52 .000000000E+00  
.000000000E+00



.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.135546894E+06 -.470414076E+06  
-.611412252E+06  
-.642255494E+06 -.617675646E+06 -.569148808E+06 -.513295232E+06  
-.458255050E+06  
-.407635335E+06 -.362732122E+06 -.323718579E+06 -.290259982E+06  
-.261823440E+06  
-.237828781E+06 -.217718175E+06 -.200984935E+06 -.187182396E+06  
-.175923599E+06  
-.166877236E+06 -.159762598E+06 -.154344859E+06 -.150431324E+06  
-.147868865E+06  
-.146542615E+06 -.146375832E+06 -.147330804E+06 -.149410559E+06  
-.152661110E+06  
-.157173853E+06 -.163087643E+06 -.170589931E+06 -.179916216E+06  
-.191346881E+06  
-.205200329E+06 -.221821300E+06 -.241563395E+06 -.264765398E+06  
-.291722237E+06  
-.322653390E+06 -.357674309E+06 -.396779074E+06 -.439843371E+06  
-.486652122E+06  
-.536936150E+06 -.590329090E+06 -.645819463E+06 -.698295871E+06  
-.715608690E+06  
-.460668355E+06 -.857331883E-48 -.140862986E-48 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.139324047E+06 -.472767262E+06  
-.612633253E+06  
-.642695815E+06 -.617613330E+06 -.568771957E+06 -.512721878E+06  
-.457556247E+06  
-.406852611E+06 -.361888920E+06 -.322827310E+06 -.289326235E+06  
-.260848446E+06  
-.236810830E+06 -.216653394E+06 -.199867681E+06 -.186005394E+06  
-.174677914E+06  
-.165552118E+06 -.158345230E+06 -.152820012E+06 -.148780924E+06  
-.146071484E+06  
-.144572875E+06 -.144203737E+06 -.144921006E+06 -.146721586E+06  
-.149644596E+06  
-.153773840E+06 -.159240042E+06 -.166222313E+06 -.174948109E+06  
-.185690833E+06  
-.198764034E+06 -.214511059E+06 -.233289095E+06 -.255446932E+06  
-.281296788E+06  
-.311082320E+06 -.344947516E+06 -.382914095E+06 -.424876903E+06  
-.470624682E+06  
-.519881404E+06 -.572320567E+06 -.627330209E+06 -.682373149E+06  
-.722588391E+06  
-.645161643E+06 -.690016951E-34 -.407800682E-48 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.142588514E+06 -.474798785E+06  
-.613685307E+06  
-.643072628E+06 -.617555240E+06 -.568441454E+06 -.512220874E+06  
-.456946066E+06  
-.406169062E+06 -.361152188E+06 -.322048041E+06 -.288509170E+06  
-.259994546E+06  
-.235918498E+06 -.215719144E+06 -.198886465E+06 -.184970719E+06  
-.173581807E+06  
-.164384983E+06 -.157095609E+06 -.151474270E+06 -.147322855E+06  
-.144481834E+06  
-.142828794E+06 -.142278151E+06 -.142781924E+06 -.144331364E+06  
-.146959180E+06  
-.150742052E+06 -.155803002E+06 -.162313104E+06 -.170491885E+06  
-.180605594E+06  
-.192962341E+06 -.207902995E+06 -.225786686E+06 -.246970074E+06  
-.271780314E+06  
-.300483204E+06 -.333250425E+06 -.370132731E+06 -.411048491E+06  
-.455796689E+06  
-.504095966E+06 -.555624469E+06 -.609936744E+06 -.665658986E+06  
-.715438687E+06  
-.711338804E+06 -.288498970E+06 -.535226933E-48 -.462498495E-50  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.145381304E+06 -.476535146E+06  
-.614583012E+06  
-.643392241E+06 -.617502388E+06 -.568155083E+06 -.511788099E+06  
-.456419282E+06  
-.405578847E+06 -.360515752E+06 -.321374429E+06 -.287802368E+06  
-.259255299E+06  
-.235145346E+06 -.214908991E+06 -.198034860E+06 -.184071947E+06  
-.172628850E+06  
-.163369388E+06 -.156007275E+06 -.150301161E+06 -.146050642E+06  
-.143093470E+06  
-.141304005E+06 -.140592870E+06 -.140907648E+06 -.142234462E+06  
-.144600182E+06  
-.148074948E+06 -.152774643E+06 -.158862799E+06 -.166551364E+06  
-.176099532E+06  
-.187809715E+06 -.202019549E+06 -.219088768E+06 -.239379946E+06  
-.263232747E+06  
-.290932616E+06 -.322677076E+06 -.358545725E+06 -.398482930E+06  
-.442303217E+06  
-.489724849E+06 -.540419265E+06 -.594003407E+06 -.649639161E+06  
-.703406012E+06  
-.731132114E+06 -.558336345E+06 -.109848056E-47 -.249295234E-48  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 -.147737007E+06 -.477998608E+06  
-.615338562E+06  
-.643659858E+06 -.617455520E+06 -.567910879E+06 -.511419985E+06  
-.455971406E+06  
-.405076957E+06 -.359974323E+06 -.320801044E+06 -.287200338E+06  
-.258625191E+06  
-.234485857E+06 -.214217427E+06 -.197307366E+06 -.183303578E+06  
-.171813536E+06  
-.162499815E+06 -.155074694E+06 -.149295137E+06 -.144958739E+06  
-.141900866E+06  
-.139993052E+06 -.139142576E+06 -.139293106E+06 -.140426221E+06  
-.142563588E+06  
-.145769491E+06 -.150153364E+06 -.155871864E+06 -.163129918E+06  
-.172180033E+06  
-.183318970E+06 -.196880722E+06 -.213224618E+06 -.232717454E+06  
-.255709055E+06  
-.282501751E+06 -.313316293E+06 -.348259546E+06 -.387302427E+06  
-.430278411E+06  
-.476910552E+06 -.526862542E+06 -.579768801E+06 -.635039878E+06  
-.690402530E+06  
-.732594615E+06 -.669808075E+06 -.166347945E-33 -.426101142E-48  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.149684424E+06 -.479207644E+06  
-.615962025E+06  
-.643879727E+06 -.617415178E+06 -.567707133E+06 -.511113496E+06  
-.455598637E+06  
-.404659163E+06 -.359523439E+06 -.320323307E+06 -.286698447E+06  
-.258099572E+06  
-.233935382E+06 -.213639807E+06 -.196699339E+06 -.182660968E+06  
-.171131215E+06  
-.161771602E+06 -.154293192E+06 -.148451515E+06 -.144042458E+06  
-.140899355E+06  
-.138891319E+06 -.137922768E+06 -.137934003E+06 -.138902688E+06  
-.140845986E+06  
-.143823089E+06 -.147937790E+06 -.153340677E+06 -.160230408E+06  
-.168853409E+06  
-.179501127E+06 -.192503831E+06 -.208219785E+06 -.227018622E+06  
-.249258154E+06  
-.275254743E+06 -.305249224E+06 -.339373028E+06 -.377622401E+06  
-.419851056E+06  
-.465790674E+06 -.515099753E+06 -.567412090E+06 -.622251192E+06  
-.678165345E+06  
-.727228233E+06 -.716729409E+06 -.239267064E+06 -.520305050E-48  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.151247098E+06 -.480177311E+06  
-.616461576E+06

-.644055265E+06 -.617381752E+06 -.567542398E+06 -.510866104E+06  
-.455297824E+06  
-.404321965E+06 -.359159411E+06 -.319937433E+06 -.286292868E+06  
-.257674600E+06  
-.233490076E+06 -.213172289E+06 -.196206941E+06 -.182140276E+06  
-.170578042E+06  
-.161180896E+06 -.153658903E+06 -.147766415E+06 -.143297917E+06  
-.140085067E+06  
-.137994983E+06 -.136929713E+06 -.136826773E+06 -.137660573E+06  
-.139444525E+06  
-.142233562E+06 -.146126738E+06 -.151269504E+06 -.157855165E+06  
-.166124877E+06  
-.176365367E+06 -.188903407E+06 -.204095866E+06 -.222314151E+06  
-.243922122E+06  
-.269247357E+06 -.298547304E+06 -.331974400E+06 -.369547513E+06  
-.411139860E+06  
-.456493697E+06 -.505265472E+06 -.557082594E+06 -.611517119E+06  
-.667538474E+06  
-.719960734E+06 -.735533987E+06 -.466354202E+06 -.888116413E-48 -.961458399E-49

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.152443732E+06 -.480919544E+06  
-.616843672E+06  
-.644189148E+06 -.617355517E+06 -.567415494E+06 -.510675769E+06  
-.455066433E+06  
-.404062552E+06 -.358879281E+06 -.319640388E+06 -.285980532E+06  
-.257347192E+06  
-.233146856E+06 -.212811791E+06 -.195827091E+06 -.181738422E+06  
-.170150930E+06  
-.160724600E+06 -.153168721E+06 -.147236725E+06 -.142722000E+06  
-.139454896E+06  
-.137300966E+06 -.136160405E+06 -.135968537E+06 -.136697214E+06  
-.138356890E+06  
-.140999129E+06 -.144719217E+06 -.149658509E+06 -.156006005E+06  
-.163998577E+06  
-.173919049E+06 -.186091181E+06 -.200870418E+06 -.218629183E+06  
-.239735702E+06  
-.264526062E+06 -.293270681E+06 -.326138839E+06 -.363168141E+06  
-.404248842E+06  
-.449133820E+06 -.497479941E+06 -.548908131E+06 -.603010031E+06  
-.658976569E+06  
-.713080791E+06 -.742088967E+06 -.576845572E+06 -.114924006E-47 -.247910186E-48

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.153288535E+06 -.481443392E+06  
-.617113196E+06  
-.644283386E+06 -.617336659E+06 -.567325502E+06 -.510540924E+06  
-.454902524E+06

-.403878773E+06 -.358680784E+06 -.319429849E+06 -.285759088E+06  
-.257114990E+06  
-.232903360E+06 -.212555953E+06 -.195557430E+06 -.181453046E+06  
-.169847515E+06  
-.160400345E+06 -.152820267E+06 -.146860057E+06 -.142312317E+06  
-.139006456E+06  
-.136806908E+06 -.135612532E+06 -.135357080E+06 -.136010559E+06  
-.137581288E+06  
-.140118393E+06 -.143714432E+06 -.148507774E+06 -.154684271E+06  
-.162477636E+06  
-.172167775E+06 -.184076140E+06 -.198556973E+06 -.215983216E+06  
-.236726018E+06  
-.261127409E+06 -.289467070E+06 -.321926554E+06 -.358557447E+06  
-.399263195E+06  
-.443805650E+06 -.491843359E+06 -.542992712E+06 -.596852895E+06  
-.652732134E+06  
-.707686144E+06 -.743708443E+06 -.631429579E+06 -.128659224E-47 -.333142915E-48

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.153791479E+06 -.481755198E+06  
-.617273565E+06  
-.644339379E+06 -.617325300E+06 -.567271768E+06 -.510460458E+06  
-.454804723E+06  
-.403769108E+06 -.358562319E+06 -.319304175E+06 -.285626880E+06  
-.256976329E+06  
-.232757923E+06 -.212403111E+06 -.195396294E+06 -.181282481E+06  
-.169666129E+06  
-.160206456E+06 -.152611862E+06 -.146634725E+06 -.142067177E+06  
-.138738061E+06  
-.136511136E+06 -.135284459E+06 -.134990831E+06 -.135599147E+06  
-.137116438E+06  
-.139590354E+06 -.143111800E+06 -.147817331E+06 -.153890879E+06  
-.161564222E+06  
-.171115466E+06 -.182864614E+06 -.197165106E+06 -.214390114E+06  
-.234912459E+06  
-.259077672E+06 -.287170988E+06 -.319381414E+06 -.355769155E+06  
-.396245989E+06  
-.440579746E+06 -.488430632E+06 -.539412615E+06 -.593127662E+06  
-.648941623E+06  
-.704298083E+06 -.743733996E+06 -.656862793E+06 -.297906073E-34 -.376526271E-48

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.153958474E+06 -.481858719E+06  
-.617326798E+06  
-.644357953E+06 -.617321507E+06 -.567253900E+06 -.510433709E+06  
-.454772213E+06  
-.403732653E+06 -.358522936E+06 -.319262392E+06 -.285582919E+06  
-.256930219E+06

-.232709554E+06 -.212352274E+06 -.195342692E+06 -.181225735E+06  
-.169605776E+06  
-.160141937E+06 -.152542504E+06 -.146559726E+06 -.141985575E+06  
-.138648707E+06  
-.136412656E+06 -.135175210E+06 -.134868853E+06 -.135462107E+06  
-.136961573E+06  
-.139414409E+06 -.142910963E+06 -.147587183E+06 -.153626357E+06  
-.161259611E+06  
-.170764441E+06 -.182460356E+06 -.196700520E+06 -.213858162E+06  
-.234306648E+06  
-.258392667E+06 -.286403301E+06 -.318530057E+06 -.354836052E+06  
-.395235911E+06  
-.439499558E+06 -.487287875E+06 -.538214095E+06 -.591880898E+06  
-.647671521E+06  
-.703147040E+06 -.743608004E+06 -.664315803E+06 -.569339567E-34 -.389831450E-48

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.153791479E+06 -.481755198E+06  
-.617273565E+06  
-.644339379E+06 -.617325300E+06 -.567271768E+06 -.510460458E+06  
-.454804723E+06  
-.403769108E+06 -.358562319E+06 -.319304175E+06 -.285626880E+06  
-.256976329E+06  
-.232757923E+06 -.212403111E+06 -.195396294E+06 -.181282481E+06  
-.169666129E+06  
-.160206456E+06 -.152611862E+06 -.146634725E+06 -.142067177E+06  
-.138738061E+06  
-.136511136E+06 -.135284459E+06 -.134990831E+06 -.135599147E+06  
-.137116438E+06  
-.139590354E+06 -.143111800E+06 -.147817331E+06 -.153890879E+06  
-.161564222E+06  
-.171115466E+06 -.182864614E+06 -.197165106E+06 -.214390114E+06  
-.234912459E+06  
-.259077672E+06 -.287170988E+06 -.319381414E+06 -.355769155E+06  
-.396245989E+06  
-.440579746E+06 -.488430632E+06 -.539412615E+06 -.593127662E+06  
-.648941623E+06  
-.704298083E+06 -.743733996E+06 -.656862793E+06 -.297906073E-34 -.376526271E-48

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.153288535E+06 -.481443392E+06  
-.617113196E+06  
-.644283386E+06 -.617336659E+06 -.567325502E+06 -.510540924E+06  
-.454902524E+06  
-.403878773E+06 -.358680784E+06 -.319429849E+06 -.285759088E+06  
-.257114990E+06  
-.232903360E+06 -.212555953E+06 -.195557430E+06 -.181453046E+06  
-.169847515E+06

-.160400345E+06 -.152820267E+06 -.146860057E+06 -.142312317E+06  
-.139006456E+06  
-.136806908E+06 -.135612532E+06 -.135357080E+06 -.136010559E+06  
-.137581288E+06  
-.140118393E+06 -.143714432E+06 -.148507774E+06 -.154684271E+06  
-.162477636E+06  
-.172167775E+06 -.184076140E+06 -.198556973E+06 -.215983216E+06  
-.236726018E+06  
-.261127409E+06 -.289467070E+06 -.321926554E+06 -.358557447E+06  
-.399263195E+06  
-.443805650E+06 -.491843359E+06 -.542992712E+06 -.596852895E+06  
-.652732134E+06  
-.707686144E+06 -.743708443E+06 -.631429579E+06 -.128659224E-47 -.333142915E-48  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.152443732E+06 -.480919544E+06  
-.616843672E+06  
-.644189148E+06 -.617355517E+06 -.567415494E+06 -.510675769E+06  
-.455066433E+06  
-.404062552E+06 -.358879281E+06 -.319640388E+06 -.285980532E+06  
-.257347192E+06  
-.233146856E+06 -.212811791E+06 -.195827091E+06 -.181738422E+06  
-.170150930E+06  
-.160724600E+06 -.153168721E+06 -.147236725E+06 -.142722000E+06  
-.139454896E+06  
-.137300966E+06 -.136160405E+06 -.135968537E+06 -.136697214E+06  
-.138356890E+06  
-.140999129E+06 -.144719217E+06 -.149658509E+06 -.156006005E+06  
-.163998577E+06  
-.173919049E+06 -.186091181E+06 -.200870418E+06 -.218629183E+06  
-.239735702E+06  
-.264526062E+06 -.293270681E+06 -.326138839E+06 -.363168141E+06  
-.404248842E+06  
-.449133820E+06 -.497479941E+06 -.548908131E+06 -.603010031E+06  
-.658976569E+06  
-.713080791E+06 -.742088967E+06 -.576845572E+06 -.114924006E-47 -.247910186E-48  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.151247098E+06 -.480177311E+06  
-.616461576E+06  
-.644055265E+06 -.617381752E+06 -.567542398E+06 -.510866104E+06  
-.455297824E+06  
-.404321965E+06 -.359159411E+06 -.319937433E+06 -.286292868E+06  
-.257674600E+06  
-.233490076E+06 -.213172289E+06 -.196206941E+06 -.182140276E+06  
-.170578042E+06  
-.161180896E+06 -.153658903E+06 -.147766415E+06 -.143297917E+06  
-.140085067E+06

-.137994983E+06 -.136929713E+06 -.136826773E+06 -.137660573E+06  
-.139444525E+06  
-.142233562E+06 -.146126738E+06 -.151269504E+06 -.157855165E+06  
-.166124877E+06  
-.176365367E+06 -.188903407E+06 -.204095866E+06 -.222314151E+06  
-.243922122E+06  
-.269247357E+06 -.298547304E+06 -.331974400E+06 -.369547513E+06  
-.411139860E+06  
-.456493697E+06 -.505265472E+06 -.557082594E+06 -.611517119E+06  
-.667538474E+06  
-.719960734E+06 -.735533987E+06 -.466354202E+06 -.888116413E-48 -.961458399E-49  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.149684424E+06 -.479207644E+06  
-.615962025E+06  
-.643879727E+06 -.617415178E+06 -.567707133E+06 -.511113496E+06  
-.455598637E+06  
-.404659163E+06 -.359523439E+06 -.320323307E+06 -.286698447E+06  
-.258099572E+06  
-.233935382E+06 -.213639807E+06 -.196699339E+06 -.182660968E+06  
-.171131215E+06  
-.161771602E+06 -.154293192E+06 -.148451515E+06 -.144042458E+06  
-.140899355E+06  
-.138891319E+06 -.137922768E+06 -.137934003E+06 -.138902688E+06  
-.140845986E+06  
-.143823089E+06 -.147937790E+06 -.153340677E+06 -.160230408E+06  
-.168853409E+06  
-.179501127E+06 -.192503831E+06 -.208219785E+06 -.227018622E+06  
-.249258154E+06  
-.275254743E+06 -.305249224E+06 -.339373028E+06 -.377622401E+06  
-.419851056E+06  
-.465790674E+06 -.515099753E+06 -.567412090E+06 -.622251192E+06  
-.678165345E+06  
-.727228233E+06 -.716729409E+06 -.239267064E+06 -.520305050E-48  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.147737007E+06 -.477998608E+06  
-.615338562E+06  
-.643659858E+06 -.617455520E+06 -.567910879E+06 -.511419985E+06  
-.455971406E+06  
-.405076957E+06 -.359974323E+06 -.320801044E+06 -.287200338E+06  
-.258625191E+06  
-.234485857E+06 -.214217427E+06 -.197307366E+06 -.183303578E+06  
-.171813536E+06  
-.162499815E+06 -.155074694E+06 -.149295137E+06 -.144958739E+06  
-.141900866E+06  
-.139993052E+06 -.139142576E+06 -.139293106E+06 -.140426221E+06  
-.142563588E+06



-.145769491E+06 -.150153364E+06 -.155871864E+06 -.163129918E+06  
-.172180033E+06  
-.183318970E+06 -.196880722E+06 -.213224618E+06 -.232717454E+06  
-.255709055E+06  
-.282501751E+06 -.313316293E+06 -.348259546E+06 -.387302427E+06  
-.430278411E+06  
-.476910552E+06 -.526862542E+06 -.579768801E+06 -.635039878E+06  
-.690402530E+06  
-.732594615E+06 -.669808075E+06 -.166347945E-33 -.426101142E-48  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.145381304E+06 -.476535146E+06  
-.614583012E+06  
-.643392241E+06 -.617502388E+06 -.568155083E+06 -.511788099E+06  
-.456419282E+06  
-.405578847E+06 -.360515752E+06 -.321374429E+06 -.287802368E+06  
-.259255299E+06  
-.235145346E+06 -.214908991E+06 -.198034860E+06 -.184071947E+06  
-.172628850E+06  
-.163369388E+06 -.156007275E+06 -.150301161E+06 -.146050642E+06  
-.143093470E+06  
-.141304005E+06 -.140592870E+06 -.140907648E+06 -.142234462E+06  
-.144600182E+06  
-.148074948E+06 -.152774643E+06 -.158862799E+06 -.166551364E+06  
-.176099532E+06  
-.187809715E+06 -.202019549E+06 -.219088768E+06 -.239379946E+06  
-.263232747E+06  
-.290932616E+06 -.322677076E+06 -.358545725E+06 -.398482930E+06  
-.442303217E+06  
-.489724849E+06 -.540419265E+06 -.594003407E+06 -.649639161E+06  
-.703406012E+06  
-.731132114E+06 -.558336345E+06 -.109848056E-47 -.249295234E-48  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.142588514E+06 -.474798785E+06  
-.613685307E+06  
-.643072628E+06 -.617555240E+06 -.568441454E+06 -.512220874E+06  
-.456946066E+06  
-.406169062E+06 -.361152188E+06 -.322048041E+06 -.288509170E+06  
-.259994546E+06  
-.235918498E+06 -.215719144E+06 -.198886465E+06 -.184970719E+06  
-.173581807E+06  
-.164384983E+06 -.157095609E+06 -.151474270E+06 -.147322855E+06  
-.144481834E+06  
-.142828794E+06 -.142278151E+06 -.142781924E+06 -.144331364E+06  
-.146959180E+06  
-.150742052E+06 -.155803002E+06 -.162313104E+06 -.170491885E+06  
-.180605594E+06

-.192962341E+06 -.207902995E+06 -.225786686E+06 -.246970074E+06  
-.271780314E+06  
-.300483204E+06 -.333250425E+06 -.370132731E+06 -.411048491E+06  
-.455796689E+06  
-.504095966E+06 -.555624469E+06 -.609936744E+06 -.665658986E+06  
-.715438687E+06  
-.711338804E+06 -.288498970E+06 -.535226933E-48 -.462498495E-50  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.139324047E+06 -.472767262E+06  
-.612633253E+06  
-.642695815E+06 -.617613330E+06 -.568771957E+06 -.512721878E+06  
-.457556247E+06  
-.406852611E+06 -.361888920E+06 -.322827310E+06 -.289326235E+06  
-.260848446E+06  
-.236810830E+06 -.216653394E+06 -.199867681E+06 -.186005394E+06  
-.174677914E+06  
-.165552118E+06 -.158345230E+06 -.152820012E+06 -.148780924E+06  
-.146071484E+06  
-.144572875E+06 -.144203737E+06 -.144921006E+06 -.146721586E+06  
-.149644596E+06  
-.153773840E+06 -.159240042E+06 -.166222313E+06 -.174948109E+06  
-.185690833E+06  
-.198764034E+06 -.214511059E+06 -.233289095E+06 -.255446932E+06  
-.281296788E+06  
-.311082320E+06 -.344947516E+06 -.382914095E+06 -.424876903E+06  
-.470624682E+06  
-.519881404E+06 -.572320567E+06 -.627330209E+06 -.682373149E+06  
-.722588391E+06  
-.645161643E+06 -.690016951E-34 -.407800682E-48 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.135546894E+06 -.470414076E+06  
-.611412252E+06  
-.642255494E+06 -.617675646E+06 -.569148808E+06 -.513295232E+06  
-.458255050E+06  
-.407635335E+06 -.362732122E+06 -.323718579E+06 -.290259982E+06  
-.261823440E+06  
-.237828781E+06 -.217718175E+06 -.200984935E+06 -.187182396E+06  
-.175923599E+06  
-.166877236E+06 -.159762598E+06 -.154344859E+06 -.150431324E+06  
-.147868865E+06  
-.146542615E+06 -.146375832E+06 -.147330804E+06 -.149410559E+06  
-.152661110E+06  
-.157173853E+06 -.163087643E+06 -.170589931E+06 -.179916216E+06  
-.191346881E+06  
-.205200329E+06 -.221821300E+06 -.241563395E+06 -.264765398E+06  
-.291722237E+06

-.322653390E+06 -.357674309E+06 -.396779074E+06 -.439843371E+06  
-.486652122E+06  
-.536936150E+06 -.590329090E+06 -.645819463E+06 -.698295871E+06  
-.715608690E+06  
-.460668355E+06 -.857331883E-48 -.140862986E-48 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .131208881E+06 -.467707948E+06  
-.610004963E+06  
-.641744059E+06 -.617740824E+06 -.569574452E+06 -.513945638E+06  
-.459048480E+06  
-.408523974E+06 -.363688930E+06 -.324729182E+06 -.291317832E+06  
-.262926976E+06  
-.238979798E+06 -.218920919E+06 -.202245648E+06 -.188509143E+06  
-.177326288E+06  
-.168367776E+06 -.161355171E+06 -.156056288E+06 -.152281532E+06  
-.149881422E+06  
-.148745367E+06 -.148801602E+06 -.150018152E+06 -.152404566E+06  
-.156014144E+06  
-.160946227E+06 -.167348056E+06 -.175415532E+06 -.185392068E+06  
-.197564556E+06  
-.212255359E+06 -.229809216E+06 -.250574258E+06 -.274877071E+06  
-.302993163E+06  
-.335116487E+06 -.371334337E+06 -.411616217E+06 -.455824575E+06  
-.503746407E+06  
-.555111133E+06 -.609424770E+06 -.664754373E+06 -.710121093E+06  
-.671383792E+06  
-.906310701E-29 -.476063395E-48 -.656947910E-52 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .126253792E+06 -.464612170E+06  
-.608390885E+06  
-.641152379E+06 -.617807041E+06 -.570051539E+06 -.514678403E+06  
-.459943381E+06  
-.409526238E+06 -.364767519E+06 -.325867529E+06 -.292508297E+06  
-.264167597E+06  
-.240272419E+06 -.220270148E+06 -.203658326E+06 -.189994135E+06  
-.178894485E+06  
-.170032258E+06 -.163131491E+06 -.157962861E+06 -.154340114E+06  
-.152117690E+06  
-.151189565E+06 -.151489274E+06 -.152990903E+06 -.155710847E+06  
-.159709980E+06  
-.165095804E+06 -.172024039E+06 -.180698928E+06 -.191371409E+06  
-.204334137E+06  
-.219912237E+06 -.238448793E+06 -.260284444E+06 -.285731440E+06  
-.315044176E+06  
-.348390615E+06 -.385831648E+06 -.427316847E+06 -.472702094E+06  
-.521778809E+06

-.574244645E+06 -.629276400E+06 -.682832855E+06 -.710109946E+06  
-.531920386E+06  
-.104325820E-47 -.256501253E-48 -.328809339E-52 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.120616356E+06 -.461083850E+06  
-.606545855E+06  
-.640469503E+06 -.617871872E+06 -.570582882E+06 -.515499456E+06  
-.460947491E+06  
-.410650884E+06 -.365977200E+06 -.327143205E+06 -.293841080E+06  
-.265555038E+06  
-.241716369E+06 -.221775565E+06 -.205232653E+06 -.191647045E+06  
-.180637868E+06  
-.171880380E+06 -.165101283E+06 -.160074326E+06 -.156616829E+06  
-.154587393E+06  
-.153884832E+06 -.154448246E+06 -.156258051E+06 -.159337726E+06  
-.163755895E+06  
-.169628296E+06 -.177119035E+06 -.186440375E+06 -.197850144E+06  
-.211645726E+06  
-.228153560E+06 -.247713224E+06 -.270655795E+06 -.297277282E+06  
-.327809870E+06  
-.362396127E+06 -.401073691E+06 -.443778057E+06 -.490364467E+06  
-.540621997E+06  
-.594139776E+06 -.649317233E+06 -.697258797E+06 -.679324463E+06  
-.138296450E+06  
-.511236968E-48 -.206863081E-50 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .114221090E+06 -.457073009E+06  
-.604441451E+06  
-.639682306E+06 -.617932115E+06 -.571171398E+06 -.516415369E+06  
-.462069511E+06  
-.411907813E+06 -.367328517E+06 -.328567078E+06 -.295327184E+06  
-.267100337E+06  
-.243322676E+06 -.223448168E+06 -.206979598E+06 -.193478828E+06  
-.182567396E+06  
-.173923120E+06 -.167275559E+06 -.162401730E+06 -.159122738E+06  
-.157301570E+06  
-.156842102E+06 -.157689219E+06 -.159829870E+06 -.163294762E+06  
-.168160329E+06  
-.174550469E+06 -.182637401E+06 -.192640864E+06 -.204824690E+06  
-.219489726E+06  
-.236962050E+06 -.257575776E+06 -.281650423E+06 -.309464230E+06  
-.341226828E+06  
-.377057118E+06 -.416973883E+06 -.460904812E+06 -.508706896E+06  
-.560140245E+06  
-.614510470E+06 -.668435901E+06 -.701627573E+06 -.570753361E+06 -.118078154E-  
47

-.332472261E-48 -.185687386E-51 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.106980997E+06 -.452521534E+06  
-.602044258E+06  
-.638775042E+06 -.617983555E+06 -.571820019E+06 -.517433361E+06  
-.463319160E+06  
-.413308159E+06 -.368833370E+06 -.330151423E+06 -.296979042E+06  
-.268815966E+06  
-.245103789E+06 -.225300366E+06 -.208911535E+06 -.195501839E+06  
-.184695425E+06  
-.176172858E+06 -.169666737E+06 -.164957535E+06 -.161870332E+06  
-.160272697E+06  
-.160073754E+06 -.161224346E+06 -.163718073E+06 -.167592924E+06  
-.172933084E+06  
-.179870379E+06 -.188584683E+06 -.199302453E+06 -.212292421E+06  
-.227857404E+06  
-.246321307E+06 -.268010793E+06 -.293232027E+06 -.322244448E+06  
-.355235646E+06  
-.392303670E+06 -.433453666E+06 -.478610761E+06 -.527627646E+06  
-.580168427E+06  
-.634873683E+06 -.684315195E+06 -.680836025E+06 -.261914547E+06 -.535261579E-  
48  
-.448927035E-49 -.162354670E-51 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.987961306E+05 -.447361970E+06  
-.599315002E+06  
-.637728796E+06 -.618020668E+06 -.572531574E+06 -.518561296E+06  
-.464707249E+06  
-.414864401E+06 -.370505133E+06 -.331910060E+06 -.298810655E+06  
-.270715962E+06  
-.247073717E+06 -.227346115E+06 -.211042372E+06 -.197729958E+06  
-.187035835E+06  
-.178643501E+06 -.172288773E+06 -.167755753E+06 -.164873670E+06  
-.163514836E+06  
-.163593774E+06 -.165067390E+06 -.167935988E+06 -.172244793E+06  
-.178085552E+06  
-.185597635E+06 -.194967933E+06 -.206428668E+06 -.220252164E+06  
-.236741557E+06  
-.256216672E+06 -.278994813E+06 -.305367308E+06 -.335574363E+06  
-.369782907E+06  
-.408073811E+06 -.450443828E+06 -.496817238E+06 -.547018843E+06  
-.600467462E+06  
-.654310518E+06 -.691864436E+06 -.598712374E+06 -.129668471E-47 -.397620128E-  
48  
-.252448083E-51 -.133458529E-51 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.895520794E+05 -.441516145E+06  
-.596207502E+06  
-.636520794E+06 -.618036234E+06 -.573308620E+06 -.519807655E+06  
-.466245740E+06  
-.416590475E+06 -.372358804E+06 -.333858502E+06 -.300837742E+06  
-.272816085E+06  
-.249248176E+06 -.229601063E+06 -.213387693E+06 -.200178731E+06  
-.189604168E+06  
-.181350623E+06 -.175157298E+06 -.170812089E+06 -.168148522E+06  
-.167043789E+06  
-.167417908E+06 -.169233904E+06 -.172498756E+06 -.177264776E+06  
-.183630960E+06  
-.191743694E+06 -.201796072E+06 -.214024951E+06 -.228704772E+06  
-.246137226E+06  
-.266636153E+06 -.290507753E+06 -.318027430E+06 -.349416376E+06  
-.384822996E+06  
-.424315085E+06 -.467884918E+06 -.515449856E+06 -.566748910E+06  
-.620640071E+06  
-.670979747E+06 -.679686394E+06 -.367366625E+06 -.698911131E-48 -.102111083E-  
48  
-.238454868E-51 -.975210895E-52 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.791184833E+05 -.434893634E+06  
-.592667411E+06  
-.635123545E+06 -.618020839E+06 -.574153214E+06 -.521181489E+06  
-.467947808E+06  
-.418501890E+06 -.374411143E+06 -.336014119E+06 -.303077911E+06  
-.275133977E+06  
-.251644749E+06 -.232082703E+06 -.215964911E+06 -.202865520E+06  
-.192417777E+06  
-.184311608E+06 -.178289768E+06 -.174144093E+06 -.171712535E+06  
-.170877261E+06  
-.171563848E+06 -.173741426E+06 -.177423539E+06 -.182669344E+06  
-.189584650E+06  
-.198322181E+06 -.209080274E+06 -.222099136E+06 -.237653729E+06  
-.256042479E+06  
-.277571409E+06 -.302534123E+06 -.331189476E+06 -.363740487E+06  
-.400319707E+06  
-.440985620E+06 -.485726419E+06 -.534431156E+06 -.586628353E+06  
-.639957539E+06  
-.681045028E+06 -.621879047E+06 -.129779153E-33 -.457849701E-48 -.281032855E-  
51  
-.220748007E-51 -.526167282E-52 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.673478255E+05 -.427390123E+06  
-.588630709E+06  
-.633503750E+06 -.617962226E+06 -.575066603E+06 -.522692334E+06  
-.469827886E+06  
-.420615858E+06 -.376680844E+06 -.338396316E+06 -.305550836E+06  
-.277689345E+06  
-.254283063E+06 -.234810544E+06 -.218793429E+06 -.205809660E+06  
-.195495981E+06  
-.187545812E+06 -.181705624E+06 -.177771323E+06 -.175585391E+06  
-.175035041E+06  
-.176051412E+06 -.178609672E+06 -.182729744E+06 -.188477280E+06  
-.195964357E+06  
-.205349232E+06 -.216834383E+06 -.230661961E+06 -.247105783E+06  
-.266459204E+06  
-.289018736E+06 -.315064220E+06 -.344837821E+06 -.378525753E+06  
-.416247505E+06  
-.458054516E+06 -.503924172E+06 -.553667054E+06 -.606346649E+06  
-.657018169E+06  
-.676401260E+06 -.460518962E+06 -.100209609E-47 -.257000672E-48 -.272496391E-  
51  
-.198263167E-51 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.540751001E+05 -.418885805E+06  
-.584021859E+06  
-.631620900E+06 -.617844443E+06 -.576048808E+06 -.524350072E+06  
-.471901694E+06  
-.422951404E+06 -.379188690E+06 -.341026713E+06 -.308278448E+06  
-.280504146E+06  
-.257184966E+06 -.237806286E+06 -.221894812E+06 -.209032630E+06  
-.198860230E+06  
-.191074726E+06 -.185426453E+06 -.181715510E+06 -.179788988E+06  
-.179539175E+06  
-.180902739E+06 -.183860750E+06 -.188439246E+06 -.194709939E+06  
-.202790513E+06  
-.212843837E+06 -.225075325E+06 -.239727584E+06 -.257071589E+06  
-.277393894E+06  
-.300980024E+06 -.328095251E+06 -.358965376E+06 -.393761485E+06  
-.432592307E+06  
-.475501177E+06 -.522434740E+06 -.573021351E+06 -.625350259E+06  
-.669049080E+06  
-.639664977E+06 -.610747432E+05 -.516549878E-48 -.445975444E-49 -.261321581E-  
51  
-.169597126E-51 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 -.391198621E+05 -.409244026E+06  
-.578751479E+06  
-.629425421E+06 -.617646721E+06 -.577098050E+06 -.526164718E+06  
-.474186236E+06  
-.425529477E+06 -.381957718E+06 -.343929333E+06 -.311285127E+06  
-.283602777E+06  
-.260374718E+06 -.241094003E+06 -.225292967E+06 -.212558222E+06  
-.202534277E+06  
-.194922141E+06 -.189476163E+06 -.186000734E+06 -.184347613E+06  
-.184414159E+06  
-.186142484E+06 -.189519367E+06 -.194576624E+06 -.201391502E+06  
-.210086536E+06  
-.220828194E+06 -.233823534E+06 -.249314090E+06 -.267566330E+06  
-.288858409E+06  
-.313463654E+06 -.341632338E+06 -.373574592E+06 -.409448039E+06  
-.449351475E+06  
-.493312801E+06 -.541204096E+06 -.592266641E+06 -.642597128E+06  
-.670450338E+06  
-.534740703E+06 -.123271467E-47 -.382183787E-48 -.286719176E-51 -.246693747E-  
51  
-.132888274E-51 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.222951188E+05 -.398310458E+06  
-.572713097E+06  
-.626856123E+06 -.617341948E+06 -.578209980E+06 -.528146093E+06  
-.476699720E+06  
-.428373016E+06 -.385013361E+06 -.347130782E+06 -.314597895E+06  
-.287012277E+06  
-.263879184E+06 -.244700332E+06 -.229014321E+06 -.216412720E+06  
-.206544352E+06  
-.199114328E+06 -.193881152E+06 -.190653599E+06 -.189288125E+06  
-.189687122E+06  
-.191798016E+06 -.195613044E+06 -.201169391E+06 -.208549236E+06  
-.217879131E+06  
-.229328050E+06 -.243103357E+06 -.259443984E+06 -.278610307E+06  
-.300870668E+06  
-.326485282E+06 -.355689340E+06 -.388678173E+06 -.425597027E+06  
-.466532548E+06  
-.511478580E+06 -.560145634E+06 -.610991860E+06 -.656082943E+06  
-.649732551E+06  
-.282491371E+06 -.724780207E-48 -.144679317E-48 -.279519896E-51 -.227525366E-  
51  
-.856510401E-52 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.343846710E+04 -.385911730E+06  
-.565777746E+06



-.623836492E+06 -.616894583E+06 -.579376580E+06 -.530303309E+06  
-.479461385E+06  
-.431506953E+06 -.388383551E+06 -.350660398E+06 -.318246594E+06  
-.290762508E+06  
-.267728023E+06 -.248654654E+06 -.233088005E+06 -.220625080E+06  
-.210919338E+06  
-.203680207E+06 -.198670487E+06 -.195703411E+06 -.194640138E+06  
-.195388018E+06  
-.197899615E+06 -.202172321E+06 -.208248220E+06 -.216213745E+06  
-.226198568E+06  
-.238373028E+06 -.252943441E+06 -.270144649E+06 -.290229476E+06  
-.313455267E+06  
-.340068500E+06 -.370289449E+06 -.404299360E+06 -.442230668E+06  
-.484149850E+06  
-.529977424E+06 -.579093996E+06 -.628401051E+06 -.661788419E+06  
-.583070507E+06  
-.580110080E-34 -.470666739E-48 -.231962767E-49 -.269660004E-51 -.202355132E-  
51  
-.245450782E-52 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.371842154E+06  
-.557783140E+06  
-.620269153E+06 -.616257738E+06 -.580584603E+06 -.532643960E+06  
-.482491122E+06  
-.434958097E+06 -.392098746E+06 -.354550364E+06 -.322264036E+06  
-.294886326E+06  
-.271953858E+06 -.252989278E+06 -.237546032E+06 -.225227104E+06  
-.215690944E+06  
-.208651524E+06 -.203876079E+06 -.201182353E+06 -.200436195E+06  
-.201549804E+06  
-.204480665E+06 -.209230965E+06 -.215847157E+06 -.224419207E+06  
-.235078952E+06  
-.247996935E+06 -.263377085E+06 -.281448753E+06 -.302455919E+06  
-.326643982E+06  
-.354245315E+06 -.385465487E+06 -.420471653E+06 -.459379909E+06  
-.502217879E+06  
-.548755424E+06 -.597719645E+06 -.642928931E+06 -.651573914E+06  
-.421275458E+06  
-.108335317E-47 -.326059011E-48 -.286602668E-51 -.256242115E-51 -.169206369E-  
51  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.355762563E+06  
-.548512507E+06  
-.616028096E+06 -.615369136E+06 -.581813274E+06 -.535172850E+06  
-.485808812E+06

-.438754834E+06 -.396191846E+06 -.358835739E+06 -.326686100E+06  
-.299419714E+06  
-.276592436E+06 -.257739594E+06 -.242423456E+06 -.230253604E+06  
-.220893873E+06  
-.214063019E+06 -.209532845E+06 -.207125658E+06 -.206711948E+06  
-.208208625E+06  
-.211577834E+06 -.216826156E+06 -.224003836E+06 -.233203599E+06  
-.244558473E+06  
-.258238039E+06 -.274442561E+06 -.293394611E+06 -.315328223E+06  
-.340476131E+06  
-.369056379E+06 -.401259749E+06 -.437237628E+06 -.477080380E+06  
-.520738472E+06  
-.567681913E+06 -.615355945E+06 -.651432495E+06 -.608593965E+06  
-.589309495E+05  
-.558616028E-48 -.875503232E-49 -.279725317E-51 -.238044367E-51 -.125387146E-  
51  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.337239466E+06  
-.537687976E+06  
-.610950661E+06 -.614145674E+06 -.583030964E+06 -.537890036E+06  
-.489433241E+06  
-.442926556E+06 -.400697924E+06 -.363554373E+06 -.331551756E+06  
-.304401862E+06  
-.281682734E+06 -.262944211E+06 -.247758521E+06 -.235742556E+06  
-.226565973E+06  
-.219952578E+06 -.215678877E+06 -.213571769E+06 -.213506321E+06  
-.215403980E+06  
-.219231256E+06 -.224998675E+06 -.232759663E+06 -.242608901E+06  
-.254679623E+06  
-.269139319E+06 -.286183380E+06 -.306026464E+06 -.328891741E+06  
-.354998736E+06  
-.384550856E+06 -.417723116E+06 -.454646113E+06 -.495364236E+06  
-.539675791E+06  
-.586462419E+06 -.630644121E+06 -.647498363E+06 -.498860265E+06 -.127416903E-  
47  
-.429822320E-48 -.130964634E-49 -.269869301E-51 -.213391588E-51 -.672063119E-  
52  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.315752327E+06  
-.524961088E+06  
-.604827458E+06 -.612476156E+06 -.584190519E+06 -.540787988E+06  
-.493380418E+06  
-.447502712E+06 -.405653721E+06 -.368746659E+06 -.336902964E+06  
-.309875165E+06

-.287267016E+06 -.268645041E+06 -.253592766E+06 -.241735217E+06  
-.232748375E+06  
-.226361382E+06 -.222355583E+06 -.220562493E+06 -.220861664E+06  
-.223178880E+06  
-.227484683E+06 -.233793067E+06 -.242159991E+06 -.252681279E+06  
-.265489399E+06  
-.280748667E+06 -.298648504E+06 -.319394660E+06 -.343198688E+06  
-.370266363E+06  
-.400785658E+06 -.434912834E+06 -.472746248E+06 -.514243686E+06  
-.558905960E+06  
-.604461273E+06 -.640791637E+06 -.617699281E+06 -.249058625E+06 -.904998036E-  
48  
-.269350585E-48 -.283047248E-51 -.255945501E-51 -.179971062E-51  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.290672013E+06  
-.509895369E+06  
-.597388432E+06 -.610211422E+06 -.585222790E+06 -.543847544E+06  
-.497661121E+06  
-.452511333E+06 -.411096777E+06 -.374455037E+06 -.342784411E+06  
-.315885092E+06  
-.293390791E+06 -.274887314E+06 -.259971080E+06 -.248276212E+06  
-.239485590E+06  
-.233334011E+06 -.229607812E+06 -.228143127E+06 -.228823891E+06  
-.231579989E+06  
-.236385636E+06 -.243257786E+06 -.252254271E+06 -.263471238E+06  
-.277039449E+06  
-.293119034E+06 -.311892457E+06 -.333555690E+06 -.358307953E+06  
-.386340445E+06  
-.417823614E+06 -.452887867E+06 -.491575432E+06 -.533677174E+06  
-.578110026E+06  
-.620308554E+06 -.639883075E+06 -.533470868E+06 -.113552877E-34 -.512250499E-  
48  
-.730355824E-49 -.275388354E-51 -.236439933E-51 -.134567357E-51  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.261230619E+06  
-.491941479E+06  
-.588283742E+06 -.607150854E+06 -.586027691E+06 -.547032194E+06  
-.502277319E+06  
-.457976832E+06 -.417064071E+06 -.380723161E+06 -.349242998E+06  
-.322479883E+06  
-.300102639E+06 -.281719501E+06 -.266941681E+06 -.255413552E+06  
-.246825560E+06

-.240918530E+06 -.237483943E+06 -.236362565E+06 -.237442582E+06  
-.240657732E+06  
-.245985513E+06 -.253445311E+06 -.263096157E+06 -.275033722E+06  
-.289386162E+06  
-.306308484E+06 -.325975291E+06 -.348571952E+06 -.374284442E+06  
-.403287663E+06  
-.435729630E+06 -.471699607E+06 -.511135335E+06 -.553500881E+06  
-.596551131E+06  
-.631056254E+06 -.615146723E+06 -.333295822E+06 -.109322172E-47 -.364420240E-48  
-.282754718E-51 -.264025359E-51 -.209232884E-51 -.726781013E-52  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.226485361E+06  
-.470404523E+06  
-.577057860E+06 -.603023794E+06 -.586461704E+06 -.550280000E+06  
-.507217040E+06  
-.463916735E+06 -.423589944E+06 -.387594551E+06 -.356326968E+06  
-.329709979E+06  
-.307453849E+06 -.289193075E+06 -.274555981E+06 -.263198566E+06  
-.254819643E+06  
-.249166492E+06 -.246035926E+06 -.245273347E+06 -.246771055E+06  
-.250466367E+06  
-.256339655E+06 -.264412200E+06 -.274743559E+06 -.287428144E+06  
-.302590644E+06  
-.320380067E+06 -.340962272E+06 -.364511038E+06 -.391197515E+06  
-.421176524E+06  
-.454562950E+06 -.491373228E+06 -.531342806E+06 -.573283782E+06  
-.612584102E+06  
-.630253346E+06 -.538336955E+06 -.271568485E-29 -.548948163E-48 -.154811558E-48  
-.276356347E-51 -.247498050E-51 -.171335112E-51 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.185277844E+06  
-.444402528E+06  
-.563114660E+06 -.597463802E+06 -.586320328E+06 -.553492099E+06  
-.512446947E+06  
-.470336898E+06 -.430702970E+06 -.395110531E+06 -.364084511E+06  
-.337627071E+06  
-.315497757E+06 -.297362068E+06 -.282868282E+06 -.271685703E+06  
-.263522482E+06  
-.258132871E+06 -.255319241E+06 -.254931647E+06 -.256866358E+06  
-.261063981E+06

-.267507346E+06 -.276219074E+06 -.287258582E+06 -.300718257E+06  
-.316718490E+06  
-.335401388E+06 -.356923036E+06 -.381444086E+06 -.409117660E+06  
-.440070345E+06  
-.474361398E+06 -.511869318E+06 -.551926255E+06 -.592011002E+06  
-.622544569E+06  
-.603492896E+06 -.347252050E+06 -.115224251E-47 -.417030887E-48 -.370192982E-49  
-.266345065E-51 -.223732425E-51 -.118500418E-51 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.136194715E+06  
-.412815587E+06  
-.545670355E+06 -.589972722E+06 -.585313193E+06 -.556516224E+06  
-.517901592E+06  
-.477224472E+06 -.438421298E+06 -.403307073E+06 -.372561600E+06  
-.346282587E+06  
-.324288682E+06 -.306282303E+06 -.291935219E+06 -.280932129E+06  
-.272991715E+06  
-.267875847E+06 -.265392738E+06 -.265397140E+06 -.267789151E+06  
-.272512374E+06  
-.279551666E+06 -.288930428E+06 -.300707269E+06 -.314971773E+06  
-.331839150E+06  
-.351443545E+06 -.373929719E+06 -.399442286E+06 -.428109615E+06  
-.460012827E+06  
-.495108691E+06 -.533002400E+06 -.572198398E+06 -.607363712E+06  
-.618135351E+06  
-.517718031E+06 -.354816607E-29 -.643832375E-48 -.214027964E-48 -.274571490E-51  
-.251216979E-51 -.189760925E-51 -.446527872E-52 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.775526125E+05  
-.374226612E+06  
-.523689238E+06 -.579869814E+06 -.583028385E+06 -.559122885E+06  
-.523467745E+06  
-.484537549E+06 -.446745710E+06 -.412210070E+06 -.381798696E+06  
-.355725353E+06  
-.333880232E+06 -.316010155E+06 -.301814847E+06 -.290997033E+06  
-.283287438E+06  
-.278456371E+06 -.276318275E+06 -.276732684E+06 -.279603400E+06  
-.284876731E+06  
-.292539118E+06 -.302614171E+06 -.315158975E+06 -.330259459E+06  
-.348024561E+06

-.368578879E+06 -.392053046E+06 -.418569680E+06 -.448218206E+06  
-.480998007E+06  
-.516664776E+06 -.554261720E+06 -.590537172E+06 -.614010860E+06  
-.580108022E+06  
-.297487406E+06 -.111698439E-47 -.420991976E-48 -.508069510E-49 -.264914594E-  
51  
-.228804454E-51 -.141305896E-51 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .749291981E+04  
-.326852386E+06  
-.495791938E+06 -.566218224E+06 -.578880712E+06 -.560970629E+06  
-.528961374E+06  
-.492189856E+06 -.455649303E+06 -.421828240E+06 -.391825774E+06  
-.365998035E+06  
-.344322712E+06 -.326600622E+06 -.312565169E+06 -.301940479E+06  
-.294471281E+06  
-.289937402E+06 -.288160040E+06 -.289003680E+06 -.292375740E+06  
-.298224940E+06  
-.306538844E+06 -.317340637E+06 -.330685061E+06 -.346653277E+06  
-.365346307E+06  
-.386876380E+06 -.411354379E+06 -.438868411E+06 -.469438887E+06  
-.502906310E+06  
-.538612916E+06 -.574403140E+06 -.603156973E+06 -.599427015E+06  
-.462654403E+06  
-.134157432E-47 -.540734611E-48 -.196232983E-48 -.270820203E-51 -.249825529E-  
51  
-.195959687E-51 -.721550717E-52 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-.268416407E+06  
-.460110745E+06 -.547716143E+06 -.572035872E+06 -.561554964E+06  
-.534093659E+06  
-.500028058E+06 -.465062131E+06 -.432142541E+06 -.402654868E+06  
-.377131770E+06  
-.355659165E+06 -.338104335E+06 -.324241817E+06 -.313821563E+06  
-.306604882E+06  
-.302382577E+06 -.300983347E+06 -.302276917E+06 -.306174280E+06  
-.312626277E+06  
-.321621071E+06 -.333180653E+06 -.347356296E+06 -.364222673E+06  
-.383869963E+06  
-.406392445E+06 -.431869526E+06 -.460328188E+06 -.491655269E+06  
-.525364539E+06

-559912000E+06 -590481871E+06 -601081121E+06 -533409378E+06  
-156932210E+06  
-.973839220E-48 -.373457380E-48 -.403682225E-49 -.260513874E-51 -.226882954E-  
51  
-.148076921E-51 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-195536861E+06  
-.414042538E+06 -.522536611E+06 -.561299539E+06 -.560133154E+06  
-538420697E+06  
-.507798062E+06 -.474848343E+06 -.443090363E+06 -.414268900E+06  
-389138081E+06  
-.367919369E+06 -.350562976E+06 -.336894450E+06 -.326695461E+06  
-319747381E+06  
-.315853986E+06 -.314852551E+06 -.316618498E+06 -.321066421E+06  
-328148959E+06  
-.337854200E+06 -.350201823E+06 -.365237828E+06 -.383027301E+06  
-403643836E+06  
-.427152205E+06 -.453575393E+06 -.482821779E+06 -.514502926E+06  
-547429082E+06  
-.578076772E+06 -.595476729E+06 -.562490414E+06 -.342437235E+06 -.117174559E-  
47  
-.473470944E-48 -.955638758E-49 -.265167477E-51 -.244026775E-51 -.192517223E-  
51  
-.783659323E-52 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-103761461E+06  
-.354030189E+06 -.488116892E+06 -.544959006E+06 -.555614369E+06  
-541269356E+06  
-.515095089E+06 -.484772182E+06 -.454541940E+06 -.426604931E+06  
-401996671E+06  
-.381110687E+06 -.364002203E+06 -.350561083E+06 -.340608721E+06  
-333951328E+06  
-.330408445E+06 -.329827462E+06 -.332090199E+06 -.337114938E+06  
-344855666E+06  
-.355299352E+06 -.368461483E+06 -.384379468E+06 -.403102722E+06  
-424676407E+06  
-.449111268E+06 -.476319841E+06 -.505964954E+06 -.537062531E+06  
-566842084E+06  
-.587169923E+06 -.572256795E+06 -.433110599E+06 -.445560912E-30 -.644869944E-  
48

-.253672078E-48 -.269792277E-50 -.252977531E-51 -.218466536E-51 -.141425436E-51

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

-.275315956E+06 -.440876624E+06 -.520560220E+06 -.546401297E+06  
-.541628864E+06  
-.521289978E+06 -.494447449E+06 -.466265069E+06 -.439528949E+06  
-.415636905E+06  
-.395204037E+06 -.378420646E+06 -.365259138E+06 -.355591666E+06  
-.349255939E+06  
-.346091207E+06 -.345957171E+06 -.348743061E+06 -.354370934E+06  
-.362795325E+06  
-.374000201E+06 -.387993286E+06 -.404796810E+06 -.424431970E+06  
-.446890383E+06  
-.472075572E+06 -.499669881E+06 -.528802143E+06 -.557142861E+06  
-.578219869E+06

-.572733120E+06 -.478181410E+06 -.799752192E+05 -.880250809E-48 -.359496962E-48

-.506237830E-49 -.256957657E-51 -.233250260E-51 -.179503302E-51 -.656691004E-52

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

-.171574670E+06 -.375829978E+06 -.484599054E+06 -.530165775E+06  
-.537994082E+06  
-.525420998E+06 -.503262424E+06 -.477872162E+06 -.452797645E+06  
-.429909416E+06  
-.410112104E+06 -.393772578E+06 -.380971087E+06 -.371645986E+06  
-.365675863E+06  
-.362925268E+06 -.363269328E+06 -.366606036E+06 -.372861107E+06  
-.381987962E+06  
-.393963802E+06 -.408781359E+06 -.426434001E+06 -.446888027E+06  
-.470026910E+06  
-.495528688E+06 -.522572353E+06 -.549074991E+06 -.569542135E+06  
-.568495230E+06

-.498829063E+06 -.208139880E+06 -.100171652E-47 -.415798981E-48 -.779207836E-49

-.257865550E-51 -.241105217E-51 -.202289124E-51 -.120604966E-51  
.000000000E+00



.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
-.339472014E+05 -.286078201E+06 -.432121220E+06 -.503543474E+06  
-.528143865E+06  
-.526036627E+06 -.510268556E+06 -.488740479E+06 -.465999993E+06  
-.444542094E+06  
-.425655055E+06 -.409940180E+06 -.397621093E+06 -.388724165E+06  
-.383182187E+06  
-.380892939E+06 -.381751288E+06 -.385665600E+06 -.392564415E+06  
-.402396349E+06  
-.415123926E+06 -.430709667E+06 -.449088820E+06 -.470114559E+06  
-.493440362E+06  
-.518247965E+06 -.542568881E+06 -.561458465E+06 -.561690919E+06  
-.505229252E+06  
-.275822400E+06 -.105977107E-47 -.444025488E-48 -.130643972E-48 -.256827780E-  
51  
-.244525351E-51 -.215401997E-51 -.154473881E-51 -.318400850E-52  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
-.000000000E+00 -.162619238E+06 -.356312241E+06 -.461754744E+06  
-.508840746E+06  
-.520971374E+06 -.514016314E+06 -.497891529E+06 -.478467124E+06  
-.459070929E+06  
-.441505713E+06 -.426688428E+06 -.415036311E+06 -.406694773E+06  
-.401669787E+06  
-.399903541E+06 -.401316411E+06 -.405828597E+06 -.413368638E+06  
-.423872013E+06  
-.437269512E+06 -.453460564E+06 -.472258114E+06 -.493271782E+06  
-.515645136E+06  
-.537423407E+06 -.553920113E+06 -.553185287E+06 -.502582279E+06  
-.307578400E+06  
-.107907577E-47 -.455012505E-48 -.189047613E-48 -.256110903E-50 -.244978519E-  
51  
-.222146143E-51 -.174791209E-51 -.811923280E-52 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.248204961E+06 -.398208041E+06  
-.475453667E+06  
-.507036467E+06 -.512315790E+06 -.503808581E+06 -.489132124E+06  
-.472729980E+06  
-.457100559E+06 -.443590438E+06 -.432881660E+06 -.425282876E+06  
-.420900216E+06  
-.419735807E+06 -.421742763E+06 -.426853187E+06 -.434987826E+06  
-.446050157E+06  
-.459901731E+06 -.476306213E+06 -.494809918E+06 -.514478605E+06  
-.533283700E+06  
-.546574573E+06 -.543015056E+06 -.493105555E+06 -.315683163E+06  
-107115623E-47  
-.476538781E-48 -.220905561E-48 -.187612274E-49 -.243289740E-51 -.224448402E-51  
-185969710E-51 -.111462768E-51 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.973244780E+05 -.304300149E+06  
-.421552458E+06  
-.479616879E+06 -.501895105E+06 -.504161758E+06 -.496310881E+06  
-.484274457E+06  
-.471493231E+06 -.459901996E+06 -.450548016E+06 -.443965900E+06  
-.440399941E+06  
-.439933197E+06 -.442559363E+06 -.448217879E+06 -.456801977E+06  
-.468140264E+06  
-.481941082E+06 -.497668033E+06 -.514267884E+06 -.529552563E+06  
-.538714085E+06  
-.530530051E+06 -.477124091E+06 -.305582499E+06 -.104117525E-47  
-489072318E-48  
-.228000946E-48 -.259126722E-49 -.239837255E-51 -.223357811E-51  
-190554729E-51  
-128588621E-51 -.132583912E-52 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.169713532E+06  
-.338612058E+06  
-.432201548E+06 -.477933830E+06 -.495400697E+06 -.497360459E+06  
-.491694859E+06  
-.483111059E+06 -.474347973E+06 -.466957697E+06 -.461788658E+06  
-.459275826E+06  
-.459610019E+06 -.462830830E+06 -.468867721E+06 -.477538473E+06  
-.488498659E+06  
-.501111922E+06 -.514161935E+06 -.525210197E+06 -.529101667E+06  
-.514299458E+06  
-.453439683E+06 -.278533042E+06 -.990752817E-48 -.449920200E-48 -.215084308E-48  
-.260994053E-49 -.234631622E-51 -.219295471E-51 -.189878846E-51 -.135949302E-51  
-.383792107E-52 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-.216202881E+06  
-.355980187E+06 -.433484371E+06 -.472175438E+06 -.488156067E+06  
-.491757609E+06  
-.489349579E+06 -.484756153E+06 -.480222429E+06 -.477030381E+06  
-.475875339E+06  
-.477086185E+06 -.480742044E+06 -.486712604E+06 -.494625824E+06  
-.503737321E+06  
-.512622055E+06 -.518490163E+06 -.515637845E+06 -.491797904E+06  
-.419220145E+06  
-.232595912E+06 -.914830159E-48 -.393151829E-48 -.183728141E-48 -.203723132E-48  
-.227304826E-51 -.212143273E-51 -.184379366E-51 -.135228071E-51 -.490087178E-52  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

























.185264000E+01 -.185264000E+01 .185264000E+01 -.185264000E+01  
.163351000E+01  
-.163351000E+01 .163351000E+01 -.163351000E+01 .163351000E+01  
-.163351000E+01  
.155264000E+01 -.155264000E+01 .155264000E+01 -.155264000E+01  
.155264000E+01  
-.155264000E+01 .727480000E+00 -.727480000E+00 .646610000E+00  
-.646610000E+00  
.565740000E+00 -.565740000E+00 .136672436E-01 -.136672436E-01 .409917308E-  
01  
-.409917308E-01 .683162179E-01 -.683162179E-01 .956407051E-01 -.956407051E-  
01  
.122965192E+00 -.122965192E+00 .150289679E+00 -.150289679E+00  
.177614167E+00  
-.177614167E+00 .204938654E+00 -.204938654E+00 .232263141E+00  
-.232263141E+00  
.259587628E+00 -.259587628E+00 .286912115E+00 -.286912115E+00  
.314236603E+00  
-.314236603E+00 .341561090E+00 -.341561090E+00 .368885577E+00  
-.368885577E+00  
.396210064E+00 -.396210064E+00 .423534551E+00 -.423534551E+00  
.450859038E+00  
-.450859038E+00 .478183526E+00 -.478183526E+00 .505508013E+00  
-.505508013E+00  
.532832500E+00 -.532832500E+00 .560156987E+00 -.560156987E+00  
.587481474E+00  
-.587481474E+00 .614805962E+00 -.614805962E+00 .642130449E+00  
-.642130449E+00  
.669454936E+00 -.669454936E+00 .696779423E+00 -.696779423E+00  
.724103910E+00  
-.724103910E+00 .751428397E+00 -.751428397E+00 .778752885E+00  
-.778752885E+00  
.806077372E+00 -.806077372E+00 .833401859E+00 -.833401859E+00  
.860726346E+00  
-.860726346E+00 .888050833E+00 -.888050833E+00 .915375321E+00  
-.915375321E+00  
.942699808E+00 -.942699808E+00 .970024295E+00 -.970024295E+00  
.997348782E+00  
-.997348782E+00 .102467327E+01 -.102467327E+01 .105199776E+01  
-.105199776E+01  
.107932224E+01 -.107932224E+01 .110664673E+01 -.110664673E+01  
.113397122E+01  
-.113397122E+01 .116129571E+01 -.116129571E+01 .118862019E+01  
-.118862019E+01  
.121594468E+01 -.121594468E+01 .124326917E+01 -.124326917E+01  
.127059365E+01  
-.127059365E+01 .129791814E+01 -.129791814E+01 .132524263E+01  
-.132524263E+01  
.135256712E+01 -.135256712E+01 .137989160E+01 -.137989160E+01  
.140721609E+01  
-.140721609E+01 .143454058E+01 -.143454058E+01 .146186506E+01  
-.146186506E+01  
.148918955E+01 -.148918955E+01 .151651404E+01 -.151651404E+01  
.154383853E+01







.188490000E+00 .896690000E+00 .198630000E+00 .961740000E+00  
.210360000E+00  
.104227000E+01 .218400000E+00 .110026000E+01 .231900000E+00  
.116485000E+01  
.245930000E+00 .122824000E+01 .256180000E+00 .129216000E+01  
.256180000E+00  
.160302000E+01 .509410000E+00 .160302000E+01  
2  
.599100000E+00 .166480000E+01 .984300000E+00 .153520000E+01  
14  
.177340000E+00 .000000000E+00 .177340000E+00 -.619070000E+00  
.179000000E+00  
-.715410000E+00 .183810000E+00 -.809590000E+00 .184930000E+00  
-.825490000E+00  
.188490000E+00 -.896690000E+00 .198630000E+00 -.961740000E+00  
.210360000E+00  
-.104227000E+01 .218400000E+00 -.110026000E+01 .231900000E+00  
-.116485000E+01  
.245930000E+00 -.122824000E+01 .256180000E+00 -.129216000E+01  
.256180000E+00  
-.160302000E+01 .509410000E+00 -.160302000E+01  
2  
.599100000E+00 -.166480000E+01 .984300000E+00 -.153520000E+01  
0  
.854001461E+00 .679001461E+00 .200049450E+01 .362789432E+00  
.362789432E+00  
.422187500E+00 .159375000E+01 .422187500E+00 -.159375000E+01  
.188132880E+00  
.000000000E+00 .303053986E+00  
.250005723E+00 .612362911E+00 .200003620E+00 .199988177E+01  
.122720556E+02  
9  
.180340000E+00 .799170000E+00 .799170000E+00 .149446000E+01  
.149446000E+01  
.178275000E+01 .179461000E+01 .180647000E+01 .129010000E+00  
.144827000E+01 .193351000E+01 .185264000E+01 .163351000E+01  
.155264000E+01  
.727480000E+00 .646610000E+00 .565740000E+00 .106566000E+01  
.416100000E-01 .162710000E+00 .162710000E+00 .186440000E+00  
.186440000E+00  
.678200000E-01 .915400000E-01 .115270000E+00 .449100000E-01  
.538760000E+00 .679700000E-01 .679700000E-01 .679700000E-01 .679700000E-01  
.679700000E-01 .679700000E-01 .679700000E-01 .213131000E+01  
.160000000E+06 .000000000E+00 .000000000E+00 .717632540E+05  
.717632540E+05  
.378074545E+05 .529305241E+05 .680535937E+05 .000000000E+00  
0  
2  
.153300000E+01 .621172389E+00  
2  
.000000000E+00 .135800000E+01  
0  
0

# Beta=40%

EQDSK 0203A 1 65 129 1  
.170000000E+01 .340000000E+01 .980000000E+00 .130000000E+00  
.117505510E+01 .264452571E-14 -.436743581E-01 -.368166067E-02  
.300000000E+00  
-.100000000E+07 .419335715E-02 .419335715E-02 .422187500E+00  
422187500E+00  
.159375000E+01 -.159375000E+01 .399861550E+00 .149997413E+01  
.140822561E+02  
.219553514E+00 .221656439E+00 .223681929E+00 .225632573E+00  
.227510788E+00  
.229318841E+00 .231058858E+00 .232732833E+00 .234342647E+00  
.235890069E+00  
.237376769E+00 .238804323E+00 .240174225E+00 .241487885E+00  
.242746643E+00  
.243951768E+00 .245104465E+00 .246205881E+00 .247257105E+00  
.248259175E+00  
.249213082E+00 .250119767E+00 .250980131E+00 .251795034E+00  
.252565299E+00  
.253291714E+00 .253975032E+00 .254615979E+00 .255215249E+00  
.255773513E+00  
.256291416E+00 .256769582E+00 .257208618E+00 .257609112E+00  
.257971640E+00  
.258296767E+00 .258585052E+00 .258837050E+00 .259053319E+00  
.259234424E+00  
.259380944E+00 .259493477E+00 .259572654E+00 .259619144E+00  
.259633670E+00  
.259617021E+00 .259570075E+00 .259493815E+00 .259389359E+00  
.259257989E+00  
.259101191E+00 .258920699E+00 .258718552E+00 .258497158E+00  
.258259375E+00  
.258008610E+00 .257748932E+00 .257485214E+00 .257223304E+00  
.256970220E+00  
.256734402E+00 .256525993E+00 .256357191E+00 .256242657E+00  
.256200000E+00  
.264398120E+05 .260571465E+05 .256688025E+05 .252751240E+05  
.248764346E+05  
.244730380E+05 .240652198E+05 .236532483E+05 .232373755E+05  
.228178383E+05  
.223948594E+05 .219686481E+05 .215394012E+05 .211073039E+05  
.206725301E+05  
.202352437E+05 .197955989E+05 .193537412E+05 .189098074E+05  
.184639269E+05  
.180162220E+05 .175668083E+05 .171157957E+05 .166632883E+05  
.162093860E+05  
.157541841E+05 .152977745E+05 .148402462E+05 .143816864E+05  
.139221804E+05  
.134618136E+05 .130006717E+05 .125388424E+05 .120764160E+05  
.116134880E+05  
.111501598E+05 .106865416E+05 .102227545E+05 .975893386E+04  
.929523233E+04

.883182457E+04 .836891209E+04 .790672945E+04 .744555154E+04  
.698570242E+04  
.652756591E+04 .607159830E+04 .561834377E+04 .516845284E+04  
.472270467E+04  
.428203393E+04 .384756319E+04 .342064195E+04 .300289372E+04  
.259627279E+04  
.220313272E+04 .182630886E+04 .146921796E+04 .113597825E+04  
.831554339E+03  
.561931899E+03 .334328429E+03 .157447446E+03 .417850986E+02  
.000000000E+00  
.752784788E+00 .732047334E+00 .711492134E+00 .691117602E+00  
.670922167E+00  
.650904279E+00 .631062403E+00 .611395026E+00 .591900652E+00  
.572577808E+00  
.553425042E+00 .534440926E+00 .515624061E+00 .496973073E+00  
.478486624E+00  
.460163409E+00 .442002165E+00 .424001676E+00 .406160777E+00  
.388478367E+00  
.370953416E+00 .353584976E+00 .336372198E+00 .319314351E+00  
.302410839E+00  
.285661230E+00 .269065286E+00 .252623002E+00 .236334649E+00  
.220200831E+00  
.204222549E+00 .188401282E+00 .172739084E+00 .157238698E+00  
.141903697E+00  
.126738651E+00 .111749335E+00 .969429706E-01 .823285230E-01 .679170600E-01  
.537221821E-01 .397605429E-01 .260524765E-01 .126227546E-01 -.498500817E-03  
-.132747159E-01 -.256615367E-01 -.376052265E-01 -.490407333E-01 -.598893579E-01  
-01  
-.700559416E-01 -.794254738E-01 -.878590000E-01 -.951886857E-01  
-.101211862E+00  
-.105683846E+00 -.108309274E+00 -.108731654E+00 -.106520762E+00  
-.101157436E+00  
-.920152397E-01 -.783383346E-01 -.592148017E-01 -.335444517E-01  
.000000000E+00  
-.607640389E+06 -.617014912E+06 -.625821204E+06 -.634093641E+06  
-.641864502E+06  
-.649164100E+06 -.656020894E+06 -.662461600E+06 -.668511293E+06  
-.674193499E+06  
-.679530287E+06 -.684542346E+06 -.689249066E+06 -.693668601E+06  
-.697817932E+06  
-.701712930E+06 -.705368397E+06 -.708798114E+06 -.712014877E+06  
-.715030524E+06  
-.717855958E+06 -.720501156E+06 -.722975169E+06 -.725286118E+06  
-.727441167E+06  
-.729446484E+06 -.731307188E+06 -.733027275E+06 -.734609512E+06  
-.736055317E+06  
-.737364588E+06 -.738535505E+06 -.739564276E+06 -.740444830E+06  
-.741168435E+06  
-.741723233E+06 -.742093681E+06 -.742259862E+06 -.742196653E+06  
-.741872723E+06  
-.741249310E+06 -.740278747E+06 -.738902686E+06 -.737049942E+06  
-.734633894E+06  
-.731549353E+06 -.727668768E+06 -.722837659E+06 -.716869103E+06  
-.709537073E+06

-.700568412E+06 -.689633143E+06 -.676332781E+06 -.660186231E+06  
-.640612779E+06  
-.616911570E+06 -.588236857E+06 -.553568139E+06 -.511674143E+06  
-.461069374E+06  
-.399961707E+06 -.326189166E+06 -.237143665E+06 -.129679021E+06  
.000000000E+00  
.212162036E-02 .317962166E-02 .476453915E-02 .416427737E-02 .408667769E-02  
.408481903E-02 .412599435E-02 .420413715E-02 .431929329E-02 .447390851E-02  
.467166185E-02 .491699073E-02 .521486157E-02 .557064152E-02 .599001576E-02  
.647892648E-02 .704352252E-02 .769011507E-02 .842513770E-02 .925511117E-02  
.101866140E-01 .112262604E-01 .123806881E-01 .136565563E-01 .150605571E-01  
.165994401E-01 .182800522E-01 .201093927E-01 .220946854E-01 .242434686E-01  
.265637040E-01 .290639079E-01 .317533060E-01 .346420164E-01 .377412649E-01  
.410636363E-01 .446233670E-01 .484366797E-01 .525221573E-01 .569011363E-01  
.615980756E-01 .666407908E-01 .720603168E-01 .778898750E-01 .841617426E-01  
.908990211E-01 .980940787E-01 .105651032E+00 .113251617E+00  
.120225210E+00  
.125892683E+00 .130001642E+00 .132354180E+00 .132918248E+00  
.131755303E+00  
.129130426E+00 .125794855E+00 .122375986E+00 .119151812E+00  
.116208741E+00  
.113557728E+00 .111182007E+00 .109055482E+00 .107150144E+00  
.105439127E+00  
.239824658E-02 .357306294E-02 .489158533E-02 .463897031E-02 .446787672E-02  
.436914342E-02 .432629884E-02 .433070235E-02 .437933725E-02 .447254921E-02  
.461271059E-02 .480348659E-02 .504942513E-02 .535571483E-02 .572803026E-02  
.617242322E-02 .669523872E-02 .730304529E-02 .800257491E-02 .880067138E-02  
.970424779E-02 .107202546E-01 .118556603E-01 .131174468E-01 .145126202E-01  
.160482403E-01 .177314668E-01 .195696269E-01 .215703025E-01 .237414400E-01  
.260914856E-01 .286295491E-01 .313656020E-01 .343107182E-01 .374773652E-01  
.408797622E-01 .445343205E-01 .484601890E-01 .526799344E-01 .572203877E-01  
.621136948E-01 .673986037E-01 .731219948E-01 .793405797E-01 .861224392E-01  
.935472523E-01 .101701129E+00 .110650562E+00 .120331182E+00  
.130044642E+00  
.135928050E+00 .141011314E+00 .143233577E+00 .143382459E+00  
.141635412E+00  
.136556411E+00 .131384225E+00 .126733475E+00 .122667958E+00  
.119133353E+00  
.116056133E+00 .113367059E+00 .111006084E+00 .108922430E+00  
.107073445E+00  
.260691382E-02 .390171934E-02 .534300617E-02 .500530484E-02 .476154662E-02  
.459042444E-02 .447759094E-02 .441526576E-02 .440030462E-02 .443263876E-02  
.451425438E-02 .464855815E-02 .483998135E-02 .509372409E-02 .541558000E-02  
.581180631E-02 .628901983E-02 .685410835E-02 .751415293E-02 .827636028E-02  
.914800618E-02 .101363924E-01 .112488191E-01 .124925761E-01 .138749530E-01  
.154032713E-01 .170849389E-01 .189275266E-01 .209388705E-01 .231271991E-01  
.255012914E-01 .280706684E-01 .308458278E-01 .338385317E-01 .370621632E-01  
.405321730E-01 .442666472E-01 .482870380E-01 .526191180E-01 .572942458E-01  
.623510702E-01 .678378657E-01 .738158082E-01 .803637304E-01 .875854623E-01  
.956225377E-01 .104680650E+00 .115098406E+00 .127561238E+00  
.143838824E+00  
.146863451E+00 .154947336E+00 .156207196E+00 .155728795E+00  
.154789523E+00

.143990002E+00 .136371505E+00 .130435316E+00 .125592770E+00  
.121548842E+00  
.118121963E+00 .115185694E+00 .112646142E+00 .110431086E+00  
.108483649E+00  
.275456953E-02 .411224189E-02 .561870049E-02 .524086759E-02 .495925719E-02  
.473906705E-02 .457033558E-02 .444921619E-02 .437465038E-02 .434754749E-02  
.437035849E-02 .444675705E-02 .458139318E-02 .477970366E-02 .504776214E-02  
.539215441E-02 .581986844E-02 .633819393E-02 .695462970E-02 .767680006E-02  
.851238315E-02 .946905497E-02 .105544525E-01 .117761588E-01 .131417126E-01  
.146586425E-01 .163345284E-01 .181770877E-01 .201942898E-01 .223944986E-01  
.247866479E-01 .273804540E-01 .301866768E-01 .332174402E-01 .364866324E-01  
.400104145E-01 .438078739E-01 .479018833E-01 .523202471E-01 .570972645E-01  
.622759021E-01 .679108848E-01 .740731969E-01 .808568223E-01 .883891812E-01  
.968481007E-01 .106491866E+00 .117721626E+00 .131248219E+00  
.148680579E+00  
.152177553E+00 .160689957E+00 .161979253E+00 .161286877E+00  
.159893390E+00  
.148088815E+00 .139565178E+00 .132956442E+00 .127648320E+00  
.123288817E+00  
.119648157E+00 .116566059E+00 .113926167E+00 .111641470E+00  
.109645240E+00  
.285307998E-02 .418662607E-02 .556054241E-02 .533843983E-02 .506733781E-02  
.481659681E-02 .460216505E-02 .442838691E-02 .429759078E-02 .421238788E-02  
.417620555E-02 .419335715E-02 .426898460E-02 .440896655E-02 .461981795E-02  
.490858615E-02 .528274446E-02 .575008397E-02 .631860660E-02 .699642412E-02  
.779166897E-02 .871242304E-02 .976666936E-02 .109622705E-01 .123069760E-01  
.138084599E-01 .154743882E-01 .173125151E-01 .193308083E-01 .215376034E-01  
.239417914E-01 .265530446E-01 .293820900E-01 .324410454E-01 .357438383E-01  
.393067370E-01 .431490372E-01 .472939679E-01 .517699097E-01 .566120683E-01  
.618648238E-01 .675851018E-01 .738473058E-01 .807506351E-01 .884298694E-01  
.970702290E-01 .106922154E+00 .118286543E+00 .131322083E+00  
.144983330E+00  
.151913974E+00 .158450694E+00 .160677992E+00 .160199324E+00  
.157259410E+00  
.148736990E+00 .140719698E+00 .134080685E+00 .128678393E+00  
.124247346E+00  
.120563991E+00 .117460802E+00 .114814188E+00 .112531860E+00  
.110543479E+00  
.291368324E-02 .431772535E-02 .585787094E-02 .545377275E-02 .512572100E-02  
.483430979E-02 .457552349E-02 .435177206E-02 .416656207E-02 .402383949E-02  
.392807979E-02 .388440008E-02 .389860271E-02 .397716305E-02 .412717851E-02  
.435628915E-02 .467257649E-02 .508444707E-02 .560050827E-02 .622944563E-02  
.697991153E-02 .786043495E-02 .887935930E-02 .100448126E-01 .113647131E-01  
.128468101E-01 .144987600E-01 .163282328E-01 .183430473E-01 .205513355E-01  
.229617364E-01 .255836256E-01 .284273889E-01 .315047542E-01 .348291998E-01  
.384164686E-01 .422852274E-01 .464579304E-01 .509619731E-01 .558312666E-01  
.611084332E-01 .668479377E-01 .731206647E-01 .800207804E-01 .876763193E-01  
.962661074E-01 .106048414E+00 .117415401E+00 .131022601E+00  
.148207722E+00  
.152166986E+00 .160599253E+00 .162098063E+00 .161543491E+00  
.160110624E+00  
.148741961E+00 .140375598E+00 .133870933E+00 .128659049E+00  
.124394682E+00

.120847371E+00 .117855339E+00 .115301083E+00 .113096850E+00  
.111175477E+00  
.294271536E-02 .432241675E-02 .578453672E-02 .544668612E-02 .511263933E-02  
.479159359E-02 .449170035E-02 .421942400E-02 .398032961E-02 .377974608E-02  
.362319301E-02 .351663336E-02 .346660853E-02 .348029132E-02 .356547681E-02  
.373052295E-02 .398425024E-02 .433581090E-02 .479454018E-02 .536980350E-02  
.607085509E-02 .690672315E-02 .788613095E-02 .901745746E-02 .103087409E-01  
.117677265E-01 .134019535E-01 .152188751E-01 .172260051E-01 .194310891E-01  
.218423012E-01 .244684682E-01 .273193308E-01 .304058525E-01 .337405911E-01  
.373381580E-01 .412157939E-01 .453941088E-01 .498980470E-01 .547581708E-01  
.600124007E-01 .657084200E-01 .719070878E-01 .786874592E-01 .861546476E-01  
.944535783E-01 .103797770E+00 .114544673E+00 .127436274E+00  
.144475330E+00  
.147456065E+00 .156022152E+00 .157434751E+00 .157160334E+00  
.156573975E+00  
.145579884E+00 .138047692E+00 .132273750E+00 .127616852E+00  
.123763834E+00  
.120525087E+00 .117770016E+00 .115402386E+00 .113348599E+00  
.111550994E+00  
.294588897E-02 .429174958E-02 .565525938E-02 .539323882E-02 .504972933E-02  
.469634569E-02 .435399983E-02 .403239719E-02 .373853672E-02 .347877013E-02  
.325948005E-02 .308740597E-02 .296983115E-02 .291467948E-02 .293053640E-02  
.302660067E-02 .321257526E-02 .349851085E-02 .389462009E-02 .441108084E-02  
.505785133E-02 .584452348E-02 .678022546E-02 .787357044E-02 .913265879E-02  
.105651376E-01 .121783069E-01 .139792583E-01 .159750355E-01 .181728135E-01  
.205800920E-01 .232049093E-01 .260560789E-01 .291434601E-01 .324782719E-01  
.360734662E-01 .399441791E-01 .441082854E-01 .485870883E-01 .534061821E-01  
.585965350E-01 .641958424E-01 .702501940E-01 .768160611E-01 .839624607E-01  
.917725936E-01 .100341797E+00 .109757005E+00 .119985421E+00  
.130312776E+00  
.136533901E+00 .142042076E+00 .144606593E+00 .145104526E+00  
.143714000E+00  
.138801248E+00 .133852281E+00 .129475261E+00 .125703121E+00  
.122463218E+00  
.119672946E+00 .117258379E+00 .115156799E+00 .113315801E+00  
.111691780E+00  
.292751002E-02 .434068042E-02 .590733026E-02 .538292723E-02 .495751627E-02  
.455490127E-02 .416508329E-02 .379175564E-02 .344118175E-02 .312007812E-02  
.283541288E-02 .259456748E-02 .240551858E-02 .227696107E-02 .221835044E-02  
.223985656E-02 .235223219E-02 .256661313E-02 .289427872E-02 .334638981E-02  
.393373668E-02 .466655200E-02 .555439985E-02 .660610726E-02 .782976262E-02  
.923279873E-02 .108221335E-01 .126043363E-01 .145858085E-01 .167729702E-01  
.191724493E-01 .217912778E-01 .246370963E-01 .277183757E-01 .310446583E-01  
.346268275E-01 .384774101E-01 .426109172E-01 .470442208E-01 .517969524E-01  
.568918828E-01 .623551828E-01 .682163455E-01 .745072823E-01 .812594887E-01  
.884966798E-01 .962165021E-01 .104345397E+00 .112629938E+00  
.120409980E+00  
.126431524E+00 .131077871E+00 .133871935E+00 .134929467E+00  
.134322736E+00  
.131976503E+00 .129008346E+00 .126006062E+00 .123201407E+00  
.120665783E+00  
.118404997E+00 .116399489E+00 .114621162E+00 .113040508E+00  
.111629602E+00  
.288856327E-02 .421254547E-02 .556619841E-02 .521346395E-02 .479595816E-02

.436061419E-02 .392465083E-02 .349792924E-02 .308831064E-02 .270314825E-02  
.234988430E-02 .203640881E-02 .177131471E-02 .156406592E-02 .142506581E-02  
.136560781E-02 .139770316E-02 .153380957E-02 .178652193E-02 .216821435E-02  
.269066914E-02 .336484204E-02 .420077378E-02 .520748182E-02 .639293944E-02  
.776421072E-02 .932765805E-02 .110891476E-01 .130542566E-01 .152284706E-01  
.176173650E-01 .202267780E-01 .230629788E-01 .261328337E-01 .294439692E-01  
.330049312E-01 .368253356E-01 .409159962E-01 .452890032E-01 .499576991E-01  
.549364514E-01 .602400365E-01 .658822925E-01 .718734005E-01 .782145900E-01  
.848880222E-01 .918378378E-01 .989362860E-01 .105930810E+00 .112393726E+00  
.117801513E+00 .122032509E+00 .124907655E+00 .126422566E+00  
.126645906E+00  
.125729315E+00 .124149516E+00 .122292325E+00 .120388206E+00  
.118555976E+00  
.116848900E+00 .115284705E+00 .113862746E+00 .112573437E+00  
.111403390E+00  
.283106844E-02 .412417648E-02 .542914031E-02 .505998628E-02 .460429365E-02  
.412291489E-02 .363538256E-02 .315184211E-02 .268016381E-02 .222774659E-02  
.180218462E-02 .141166802E-02 .106528602E-02 .773247149E-03 .546987209E-03  
.399118012E-03 .343188157E-03 .393279582E-03 .563640265E-03 .868196374E-03  
.131991783E-02 .193053245E-02 .271062871E-02 .366940120E-02 .481454569E-02  
.615253185E-02 .768895222E-02 .942876076E-02 .113765186E-01 .135366048E-01  
.159133832E-01 .185113469E-01 .213352477E-01 .243902061E-01 .276817971E-01  
.312161046E-01 .349997313E-01 .390397413E-01 .433434922E-01 .479182840E-01  
.527707049E-01 .579054703E-01 .633234262E-01 .690181826E-01 .749705385E-01  
.811395026E-01 .874485556E-01 .937668847E-01 .998905021E-01 .105542730E+00  
.110436086E+00 .114406564E+00 .117342190E+00 .119222250E+00  
.120103119E+00  
.120124494E+00 .119539858E+00 .118595129E+00 .117473415E+00  
.116293317E+00  
.115124716E+00 .114005026E+00 .112951414E+00 .111968993E+00  
.111056070E+00  
.275522809E-02 .410057114E-02 .559829334E-02 .494080282E-02 .438563599E-02  
.384240518E-02 .329755372E-02 .275373773E-02 .221692192E-02 .169389432E-02  
.119204356E-02 .719611132E-03 .286019447E-03 -.978329346E-04 -.419382811E-  
03  
-.664433224E-03 -.817487839E-03 -.862485154E-03 -.783064799E-03 -.563161343E-  
03  
-.188389555E-03 .353595024E-03 .107413546E-02 .198266112E-02 .308627976E-02  
.439049524E-02 .589988171E-02 .761823411E-02 .954889272E-02 .116949739E-01  
.140594994E-01 .166455045E-01 .194561311E-01 .224946865E-01 .257646584E-01  
.292696757E-01 .330134009E-01 .369993272E-01 .412304338E-01 .457086257E-01  
.504338445E-01 .554026815E-01 .606062468E-01 .660269575E-01 .716338336E-01  
.773759392E-01 .831740527E-01 .889120732E-01 .944328992E-01 .995484415E-01  
.104074273E+00 .107877250E+00 .110874614E+00 .113044968E+00  
.114427487E+00  
.115120983E+00 .115277734E+00 .115058227E+00 .114598706E+00  
.114000783E+00  
.113333990E+00 .112642779E+00 .111953672E+00 .111281091E+00  
.110631661E+00  
.265904185E-02 .387546721E-02 .508462324E-02 .464248803E-02 .409329376E-02  
.350852978E-02 .290872359E-02 .230320601E-02 .169879387E-02 .110198349E-02  
.519777185E-03 -.397883673E-04 -.567179588E-03 -.105092598E-02 -.147724638E-  
02



.182998586E-02 -.209096055E-02 -.224188143E-02 -.226371583E-02 -.213694342E-02  
.184549662E-02 -.137751965E-02 -.720056359E-03 .136895620E-03 .119908350E-02  
.247034710E-02 .395408401E-02 .565260633E-02 .756781181E-02 .970143848E-02  
.120550724E-01 .146302151E-01 .174283555E-01 .204509892E-01 .236995695E-01  
.271753886E-01 .308793774E-01 .348118018E-01 .389718112E-01 .433567770E-01  
.479613316E-01 .527759891E-01 .577852013E-01 .629646916E-01 .682779560E-01  
.736720150E-01 .790729776E-01 .843829352E-01 .894811239E-01 .942333113E-01  
.985111766E-01 .102214381E+00 .105279464E+00 .107686207E+00  
.109458501E+00  
.110661316E+00 .111391351E+00 .111755855E+00 .111853993E+00  
.111767222E+00  
.111557220E+00 .111267953E+00 .110929227E+00 .110560304E+00  
.110172993E+00  
.254164723E-02 .373080591E-02 .495380472E-02 .438844316E-02 .377277359E-02  
.312983424E-02 .247028493E-02 .180070632E-02 .112648383E-02 .453039932E-03  
-.213459561E-03 -.865555879E-03 -.149394919E-02 -.208687421E-02 -.262930736E-02  
.310272777E-02 -.348434382E-02 -.375430945E-02 -.389068185E-02 -.386664839E-02  
-.366388076E-02 -.327638907E-02 -.268558173E-02 -.187970535E-02 -.856809138E-03  
.383804972E-03 .184500357E-02 .352694733E-02 .542985311E-02 .755409104E-02  
.989976132E-02 .124667770E-01 .152549715E-01 .182640917E-01 .214936869E-01  
.249429176E-01 .286102865E-01 .324932733E-01 .365878375E-01 .408877396E-01  
.453836206E-01 .500617694E-01 .549025130E-01 .598781927E-01 .649507789E-01  
.700693666E-01 .751681347E-01 .801658487E-01 .849684641E-01 .894762792E-01  
.935954361E-01 .972501791E-01 .100390742E+00 .102997985E+00  
.105084254E+00  
.106690564E+00 .107879488E+00 .108723584E+00 .109294279E+00  
.109654569E+00  
.109855869E+00 .109937821E+00 .109929688E+00 .109852336E+00  
.109720233E+00  
.239911555E-02 .357684806E-02 .486071906E-02 .410990181E-02 .340876806E-02  
.270192732E-02 .198087347E-02 .124636036E-02 .501136225E-03 -.251067834E-03  
-.100536514E-02 -.175530827E-02 -.249233332E-02 -.320503867E-02 -.387726388E-02  
-.448876373E-02 -.500496998E-02 -.540162644E-02 -.565677651E-02 -.574805022E-02  
-.565513357E-02 -.535968376E-02 -.484020979E-02 -.408054553E-02 -.309125062E-02  
-.187813194E-02 -.433952457E-03 .123652556E-02 .313177600E-02 .525125055E-02  
.759349899E-02 .101567576E-01 .129392287E-01 .159390368E-01 .191540280E-01  
.225815022E-01 .262178935E-01 .300583782E-01 .340963769E-01 .383229166E-01  
.427258158E-01 .472886598E-01 .519895545E-01 .567996881E-01 .616818169E-01  
.665889282E-01 .714635371E-01 .762382870E-01 .808386146E-01 .851879414E-01  
.892149179E-01 .928609444E-01 .960858535E-01 .988712719E-01 .101221314E+00  
.103160534E+00 .104729146E+00 .105976144E+00 .106952373E+00  
.107705301E+00  
.108276047E+00 .108698334E+00 .108998730E+00 .109197576E+00  
.109310162E+00  
.222568034E-02 .327157743E-02 .430455368E-02 .368971285E-02 .297131752E-02

.221607473E-02 .143811608E-02 .640520829E-03 -.175297782E-03 -.100729599E-02  
-.185212269E-02 -.270475607E-02 -.355794352E-02 -.440238120E-02 -.520219252E-02  
-.592857304E-02 -.655553424E-02 -.706135672E-02 -.742609540E-02 -.762988030E-02  
-.765273585E-02 -.747396910E-02 -.707102514E-02 -.642217557E-02 -.551140409E-02  
-.432668449E-02 -.288879842E-02 -.122276918E-02 .670499740E-03 .279145473E-02  
.513651780E-02 .770199096E-02 .104845120E-01 .134808010E-01 .166872777E-01  
.200997021E-01 .237128248E-01 .275199978E-01 .315127117E-01 .356800325E-01  
.400079206E-01 .444784247E-01 .490687665E-01 .537503727E-01 .584879791E-01  
.632390170E-01 .679535967E-01 .725754764E-01 .770443658E-01 .812996647E-01  
.852852387E-01 .889542910E-01 .922732759E-01 .952242870E-01 .978056130E-01  
.100030394E+00 .101923537E+00 .103517433E+00 .104847513E+00  
.105948573E+00  
.106852335E+00 .107586221E+00 .108173054E+00 .108631371E+00  
.108976043E+00  
.201522991E-02 .302298956E-02 .410246260E-02 .328863349E-02 .248787100E-02  
.167545756E-02 .842683164E-03 -.149193647E-04 -.899450194E-03 -.181103864E-02  
-.274805780E-02 -.370731180E-02 -.468254659E-02 -.563397336E-02 -.653076580E-02  
-.734833020E-02 -.806561468E-02 -.866403728E-02 -.912599995E-02 -.943369065E-02  
-.956840566E-02 -.950993119E-02 -.923605715E-02 -.872318839E-02 -.794748251E-02  
-.688553880E-02 -.552155285E-02 -.385350492E-02 -.195744523E-02 .173432718E-03  
.252948990E-02 .510467322E-02 .789434353E-02 .108942210E-01 .140996684E-01  
.175052562E-01 .211044313E-01 .248891669E-01 .288495580E-01 .329733503E-01  
.372453997E-01 .416470668E-01 .461555745E-01 .507433907E-01 .553777424E-01  
.600204210E-01 .646280807E-01 .691532458E-01 .735461758E-01 .777575671E-01  
.817418030E-01 .854602164E-01 .888837746E-01 .919947670E-01 .947872595E-01  
.972662690E-01 .994458060E-01 .101346160E+00 .102991000E+00  
.104404830E+00  
.105611119E+00 .106631182E+00 .107483704E+00 .108184727E+00  
.108747925E+00  
.175682721E-02 .266336372E-02 .365207048E-02 .277222201E-02 .192538765E-02  
.107206165E-02 .194496282E-03 -.716666339E-03 -.166619377E-02 -.265587542E-02  
-.368541652E-02 -.475273271E-02 -.581769045E-02 -.684785463E-02 -.781778397E-02  
-.870699789E-02 -.949798020E-02 -.101748105E-01 -.107219929E-01 -.111235179E-01  
-.113621745E-01 -.114189886E-01 -.112728103E-01 -.109002480E-01 -.102758003E-01  
-.937219688E-02 -.816257565E-02 -.662489902E-02 -.475899786E-02 -.260357805E-02  
-.226004076E-03 .236760015E-02 .517242960E-02 .818394799E-02 .113969064E-01  
.148050151E-01 .184007581E-01 .221751176E-01 .261172373E-01 .302140484E-01  
.344498630E-01 .388059414E-01 .432600621E-01 .477861497E-01 .523540474E-01  
.569295435E-01 .614747831E-01 .659491762E-01 .703108597E-01 .745186594E-01

.785343490E-01 .823248853E-01 .858642663E-01 .891347321E-01 .921271430E-01  
.948405066E-01 .972807581E-01 .994590397E-01 .101389813E+00 .103089132E+00  
.104573283E+00 .105857895E+00 .106957464E+00 .107885218E+00  
.108653195E+00  
.143865705E-02 .216465350E-02 .290424672E-02 .211343126E-02 .127381815E-02  
.405434381E-03 -.502189397E-03 -.145826742E-02 -.246798058E-02 -.353351739E-  
02  
-.465511739E-02 -.579754574E-02 -.692585461E-02 -.801306694E-02 -.903809707E-  
02  
-.998379536E-02 -.108352986E-01 -.115787893E-01 -.122005204E-01 -.126860417E-  
01  
-.130195869E-01 -.131835675E-01 -.131581644E-01 -.129210470E-01 -.124471855E-  
01  
-.117088233E-01 -.106760569E-01 -.931846516E-02 -.760979713E-02 -.553587308E-  
02  
-.312629598E-02 -.505498725E-03 .232265159E-02 .535436489E-02 .858411054E-  
02  
.120049201E-01 .156085804E-01 .193854032E-01 .233239318E-01 .274106604E-01  
.316297533E-01 .359627578E-01 .403883324E-01 .448820373E-01 .494162558E-01  
.539603234E-01 .584809439E-01 .629429516E-01 .673104335E-01 .715481550E-01  
.756231508E-01 .795062790E-01 .831735201E-01 .866068410E-01 .897945149E-01  
.927308790E-01 .954156027E-01 .978526214E-01 .100048941E+00 .102013513E+00  
.103756319E+00 .105287741E+00 .106618192E+00 .107757974E+00  
.108717275E+00  
.105485054E-02 .164408337E-02 .235904841E-02 .140016957E-02 .555000983E-03  
-.311703563E-03 -.123595790E-02 -.222887048E-02 -.329441647E-02 -.443380347E-  
02  
-.561894990E-02 -.681219261E-02 -.798421539E-02 -.911245648E-02 -.101791901E-  
01  
-.111698149E-01 -.120714723E-01 -.128719870E-01 -.135590428E-01 -.141195270E-  
01  
-.145389909E-01 -.148011917E-01 -.148876917E-01 -.147775127E-01 -.144468316E-  
01  
-.138687488E-01 -.130132610E-01 -.118476095E-01 -.103375130E-01 -.845021294E-  
02  
-.616572748E-02 -.351004759E-02 -.651274809E-03 .240936726E-02 .566574641E-  
02  
.911001346E-02 .127334792E-01 .165260644E-01 .204759735E-01 .245695200E-01  
.287909793E-01 .331224258E-01 .375435725E-01 .420316600E-01 .465614514E-01  
.511053897E-01 .556339657E-01 .601163251E-01 .645211114E-01 .688174971E-01  
.729763064E-01 .769711016E-01 .807790957E-01 .843817788E-01 .877651884E-01  
.909198170E-01 .938402069E-01 .965243317E-01 .989728954E-01 .101188671E+00  
.103175968E+00 .104940273E+00 .106488051E+00 .107826671E+00  
.108964392E+00  
.627883506E-03 .855726685E-03 .946588649E-03 .458932350E-03 -.238516486E-03  
-.106179796E-02 -.198905909E-02 -.301337277E-02 -.413251284E-02 -.532570975E-  
02  
-.655175372E-02 -.777810124E-02 -.897975456E-02 -.101374897E-01 -.112360959E-  
01  
-.122628897E-01 -.132065415E-01 -.140561716E-01 -.148006434E-01 -.154279949E-  
01  
-.159249598E-01 -.162765478E-01 -.164656605E-01 -.164727300E-01 -.162753712E-  
01

-.158480564E-01 -.151618512E-01 -.141842784E-01 -.128795011E-01 -.112093627E-01  
-.913740594E-02 -.664087378E-02 -.374684883E-02 -.648016520E-03 .264563397E-02  
.612448925E-02 .977993220E-02 .136018072E-01 .175781374E-01 .216951835E-01  
.259374745E-01 .302877499E-01 .347268650E-01 .392337227E-01 .437852895E-01  
.483567360E-01 .529217305E-01 .574528992E-01 .619224407E-01 .663028582E-01  
.705677428E-01 .746925248E-01 .786551094E-01 .824363252E-01 .860201494E-01  
.893937085E-01 .925470946E-01 .954730664E-01 .981667188E-01 .100625198E+00  
.102847515E+00 .104834465E+00 .106588644E+00 .108114503E+00  
.109418381E+00  
.228143133E-03 .231387083E-03 .838694099E-04 -.347574883E-03 -.991692107E-03  
-.179637651E-02 -.273467784E-02 -.379315428E-02 -.495856355E-02 -.618540032E-02  
-.743676688E-02 -.868412377E-02 -.990573705E-02 -.110848838E-01 -.122082439E-01  
-.132645964E-01 -.142438064E-01 -.151360419E-01 -.159311582E-01 -.166181953E-01  
-.171849474E-01 -.176175759E-01 -.179002447E-01 -.180147619E-01 -.179402211E-01  
-.176526380E-01 -.171245991E-01 -.163249509E-01 -.152186251E-01 -.137668586E-01  
-.119285644E-01 -.966462533E-02 -.695053628E-02 -.381587184E-02 -.472619882E-03  
.305179280E-02 .675137602E-02 .106161654E-01 .146339266E-01 .187908238E-01  
.230716833E-01 .274599918E-01 .319377997E-01 .364856434E-01 .410825416E-01  
.457060926E-01 .503326848E-01 .549378223E-01 .594965513E-01 .639839587E-01  
.683756984E-01 .726484909E-01 .767805463E-01 .807518711E-01 .845444425E-01  
.881422604E-01 .915313142E-01 .946995177E-01 .976366741E-01 .100334518E+00  
.102786859E+00 .104989813E+00 .106942075E+00 .108645156E+00  
.110103523E+00  
-.108191216E-03 -.254429686E-03 -.536912771E-03 -.100953343E-02 -.166574772E-02  
-.248542006E-02 -.345176626E-02 -.455260802E-02 -.574839926E-02 -.699641830E-02  
-.826343155E-02 -.952416280E-02 -.107594585E-01 -.119545501E-01 -.130975985E-01  
-.141785458E-01 -.151882289E-01 -.161176943E-01 -.169576534E-01 -.176980331E-01  
-.183275848E-01 -.188335269E-01 -.192011992E-01 -.194137167E-01 -.194516132E-01  
-.192924691E-01 -.189105295E-01 -.182763294E-01 -.173563766E-01 -.161130129E-01  
-.145047399E-01 -.124876422E-01 -.100197134E-01 -.707411694E-02 -.368374778E-02  
-.105534594E-03 .365010100E-02 .757162877E-02 .116458687E-01 .158586167E-01  
.201949943E-01 .246393273E-01 .291749330E-01 .337839779E-01 .384474308E-01  
.431451056E-01 .478557893E-01 .525574479E-01 .572274951E-01 .618431028E-01  
.663815217E-01 .708203796E-01 .751379284E-01 .793132230E-01 .833262320E-01  
.871579033E-01 .907902253E-01 .942063371E-01 .973907393E-01 .100329643E+00  
.103011459E+00 .105427385E+00 .107572008E+00 .109443805E+00  
.111045431E+00

-.384110710E-03 -.640370436E-03 -.102232173E-02 -.155939681E-02 -.225931512E-02  
-.311804634E-02 -.412923544E-02 -.526681996E-02 -.648572283E-02 -.774850365E-02  
-.902591143E-02 -.102956768E-01 -.115408732E-01 -.127483754E-01 -.139075834E-01  
-.150094192E-01 -.160455522E-01 -.170077947E-01 -.178876183E-01 -.186757485E-01  
-.193618087E-01 -.199339882E-01 -.203787172E-01 -.206803358E-01 -.208207464E-01  
-.207790452E-01 -.205311322E-01 -.200493112E-01 -.193019057E-01 -.182529507E-01  
-.168620795E-01 -.150848579E-01 -.128742498E-01 -.101854529E-01 -.699234854E-02  
-.334836797E-02 .476800140E-03 .446980828E-02 .861590092E-02 .129001633E-01  
.173081436E-01 .218252234E-01 .264361301E-01 .311247065E-01 .358738267E-01  
.406653928E-01 .454803888E-01 .502989813E-01 .551006544E-01 .598643618E-01  
.645686750E-01 .691919075E-01 .737122020E-01 .781075785E-01 .823559590E-01  
.864352052E-01 .903232213E-01 .939981872E-01 .974389825E-01 .100625840E+00  
.103541225E+00 .106170863E+00 .108504787E+00 .110538206E+00  
.112272020E+00  
-.611452221E-03 -.954759272E-03 -.141925985E-02 -.202476602E-02 -.278169211E-02  
-.369271129E-02 -.475429590E-02 -.592383731E-02 -.716213212E-02 -.843669431E-02  
-.972205327E-02 -.109987118E-01 -.122517478E-01 -.134694972E-01 -.146424583E-01  
-.157624259E-01 -.168218155E-01 -.178131321E-01 -.187285389E-01 -.195594922E-01  
-.202964157E-01 -.209283930E-01 -.214428636E-01 -.218253073E-01 -.220589098E-01  
-.221242023E-01 -.219986732E-01 -.216563561E-01 -.210674105E-01 -.201977245E-01  
-.190085984E-01 -.174566264E-01 -.154940735E-01 -.130706371E-01 -.101395570E-01  
-.667877672E-02 -.276875028E-02 .131204226E-02 .554603270E-02 .991700595E-02  
.144115945E-01 .190167388E-01 .237188117E-01 .285034180E-01 .333553415E-01  
.382585197E-01 .431960353E-01 .481501253E-01 .531021994E-01 .580328541E-01  
.629218684E-01 .677481667E-01 .724897469E-01 .771235814E-01 .816255204E-01  
.859702485E-01 .901313670E-01 .940816913E-01 .977938521E-01 .101241264E+00  
.104399463E+00 .107247720E+00 .109770715E+00 .111959955E+00  
.113814634E+00  
-.800999559E-03 -.121648118E-02 -.175279525E-02 -.242500946E-02 -.324374277E-02  
-.421587316E-02 -.532115860E-02 -.651910203E-02 -.777482178E-02 -.905998248E-02  
-.103524393E-01 -.116351796E-01 -.128950938E-01 -.141218481E-01 -.153069474E-01  
-.164429911E-01 -.175230862E-01 -.185403800E-01 -.194876769E-01 -.203571092E-01  
-.211398398E-01 -.218257787E-01 -.224032976E-01 -.228589324E-01 -.231770625E-01

-.233395609E-01 -.233254105E-01 -.231102883E-01 -.226661239E-01 -.219606491E-01  
-.209569714E-01 -.196132319E-01 -.178824885E-01 -.157131924E-01 -.130513560E-01  
-.984812331E-02 -.608736547E-02 -.189968600E-02 .243948637E-02 .691122131E-02  
.115058362E-01 .162127245E-01 .210201098E-01 .259154146E-01 .308853591E-01  
.359159249E-01 .409922856E-01 .460987313E-01 .512185837E-01 .563340884E-01  
.614262691E-01 .664747332E-01 .714574310E-01 .763503805E-01 .811273993E-01  
.857599087E-01 .902169097E-01 .944652589E-01 .984703885E-01 .102197591E+00  
.105613920E+00 .108690597E+00 .111405618E+00 .113746046E+00  
.115709404E+00  
-.961032169E-03 -.143811178E-02 -.203807974E-02 -.277316790E-02 -.365307319E-02  
-.468338474E-02 -.582851993E-02 -.705252385E-02 -.832462177E-02 -.962005667E-02  
-.109195529E-01 -.122082798E-01 -.134747512E-01 -.147098462E-01 -.159060019E-01  
-.170565705E-01 -.181553093E-01 -.191959699E-01 -.201719571E-01 -.210760333E-01  
-.219000472E-01 -.226346726E-01 -.232691425E-01 -.237909683E-01 -.241856341E-01  
-.244362582E-01 -.245232164E-01 -.244237257E-01 -.241113884E-01 -.235557070E-01  
-.227215873E-01 -.215688638E-01 -.200519159E-01 -.181195331E-01 -.157154453E-01  
-.127808607E-01 -.926419173E-02 -.516114044E-02 -.696917203E-03 .388583190E-02  
.859139840E-02 .134118678E-01 .183369415E-01 .233557617E-01 .284570223E-01  
.336288190E-01 .388584901E-01 .441324608E-01 .494360688E-01 .547533482E-01  
.600667517E-01 .653567998E-01 .706016531E-01 .757766245E-01 .808536726E-01  
.858009572E-01 .905825834E-01 .951587204E-01 .994863227E-01 .103520694E+00  
.107218058E+00 .110539076E+00 .113452901E+00 .115940901E+00  
.117998968E+00  
-.109765626E-02 -.162822035E-02 -.228506976E-02 -.307880015E-02 -.401938389E-02  
-.509876547E-02 -.627911447E-02 -.752695753E-02 -.881464407E-02 -.101203176E-02  
-.114271001E-01 -.127220347E-01 -.139950661E-01 -.152381685E-01 -.164446381E-01  
-.176085319E-01 -.187242202E-01 -.197860248E-01 -.207879154E-01 -.217232428E-01  
-.225844933E-01 -.233630474E-01 -.240489329E-01 -.246305608E-01 -.250944341E-01  
-.254248224E-01 -.256033931E-01 -.256087973E-01 -.254162054E-01 -.249967986E-01  
-.243172234E-01 -.233390298E-01 -.220181293E-01 -.203043463E-01 -.181412300E-01  
-.154666341E-01 -.122159149E-01 -.833567446E-02 -.384638961E-02 .843428734E-03  
.566815218E-02 .106125809E-01 .156660516E-01 .208193191E-01 .260632036E-01  
.313880742E-01 .367835861E-01 .422384681E-01 .477402803E-01 .532751094E-01  
.588271708E-01 .643783010E-01 .699073292E-01 .753893327E-01 .807948143E-01  
.860888817E-01 .912305827E-01 .961726437E-01 .100861964E+00 .105241310E+00

.109252617E+00 .112842056E+00 .115966386E+00 .118599167E+00  
.120734742E+00  
-.121535683E-02 -.179277229E-02 -.250038297E-02 -.334742756E-02 -.434329444E-  
02  
-.546548393E-02 -.667707239E-02 -.794670966E-02 -.924923504E-02 -.105651272E-  
01  
-.118794817E-01 -.131809235E-01 -.144606389E-01 -.157115778E-01 -.169278201E-  
01  
-.181040763E-01 -.192352920E-01 -.203163254E-01 -.213416764E-01 -.223052462E-  
01  
-.232001131E-01 -.240183113E-01 -.247506015E-01 -.253862230E-01 -.259126176E-  
01  
-.263151166E-01 -.265765823E-01 -.266769981E-01 -.265930012E-01 -.262973581E-  
01  
-.257583864E-01 -.249393351E-01 -.237977453E-01 -.222848388E-01 -.203450268E-  
01  
-.179158086E-01 -.149289741E-01 -.113168072E-01 -.704019962E-02 -.222549893E-  
02  
.273400280E-02 .781317580E-02 .130041922E-01 .183008025E-01 .236964770E-01  
.291841191E-01 .347559100E-01 .404031127E-01 .461158027E-01 .518824964E-01  
.576896537E-01 .635210218E-01 .693567977E-01 .751725922E-01 .809382074E-01  
.866162908E-01 .921610198E-01 .975171127E-01 .102619675E+00 .107395625E+00  
.111767605E+00 .115661091E+00 .119014451E+00 .121789754E+00  
.123980020E+00  
-.131746604E-02 -.193613819E-02 -.268901459E-02 -.358395956E-02 -.462832198E-  
02  
-.578793422E-02 -.702722649E-02 -.831672510E-02 -.963329059E-02 -.109592816E-  
01  
-.122814042E-01 -.135896039E-01 -.148761304E-01 -.161347914E-01 -.173603719E-  
01  
-.185481824E-01 -.196937031E-01 -.207922939E-01 -.218389502E-01 -.228280860E-  
01  
-.237533289E-01 -.246073172E-01 -.253814869E-01 -.260658396E-01 -.266486808E-  
01  
-.271163205E-01 -.274527255E-01 -.276391169E-01 -.276535032E-01 -.274701478E-  
01  
-.270589697E-01 -.263848839E-01 -.254071009E-01 -.240784190E-01 -.223445795E-  
01  
-.201438520E-01 -.174073208E-01 -.140614592E-01 -.100391835E-01 -.532788922E-  
02  
-.208013960E-03 .501381727E-02 .103485614E-01 .157948459E-01 .213490774E-01  
.270068445E-01 .327630408E-01 .386117228E-01 .445458340E-01 .505567958E-01  
.566339346E-01 .627637029E-01 .689286447E-01 .751060535E-01 .812662870E-01  
.873707433E-01 .933695992E-01 .991996007E-01 .104782531E+00 .110025496E+00  
.114824772E+00 .119075241E+00 .122686382E+00 .125601948E+00  
.127814316E+00  
-.140649338E-02 -.206164878E-02 -.285508687E-02 -.379390653E-02 -.487909947E-  
02  
-.607092766E-02 -.733460600E-02 -.864208794E-02 -.997182021E-02 -.113076573E-  
01  
-.126376087E-01 -.139527123E-01 -.152461188E-01 -.165123815E-01 -.177469128E-  
01  
-.189455678E-01 -.201043181E-01 -.212189889E-01 -.222850364E-01 -.232973504E-  
01

-.242500671E-01 -.251363821E-01 -.259483535E-01 -.266766836E-01 -.273104728E-01  
-.278369331E-01 -.282410530E-01 -.285052036E-01 -.286086771E-01 -.285271515E-01  
-.282320784E-01 -.276899982E-01 -.268617951E-01 -.257019226E-01 -.241576516E-01  
-.221684504E-01 -.196657325E-01 -.165736251E-01 -.128130533E-01 -.831968715E-02  
-.313680783E-02 .221655595E-02 .769634099E-02 .132957844E-01 .190127981E-01  
.248455225E-01 .307916960E-01 .368484309E-01 .430119297E-01 .492770650E-01  
.556367718E-01 .620811926E-01 .685964923E-01 .751632435E-01 .817542687E-01  
.883318354E-01 .948441594E-01 .101221357E+00 .107371417E+00  
.113177642E+00  
.118500473E+00 .123188373E+00 .127102669E+00 .130155106E+00  
.132339574E+00  
-.148434607E-02 -.217176138E-02 -.300141059E-02 -.397999236E-02 -.509947406E-02  
-.631893963E-02 -.760401004E-02 -.892769533E-02 -.102696741E-01 -.116149856E-01  
-.129526903E-01 -.142747246E-01 -.155749979E-01 -.168487054E-01 -.180918125E-01  
-.193006630E-01 -.204716769E-01 -.216011069E-01 -.226848350E-01 -.237181906E-01  
-.246957796E-01 -.256113114E-01 -.264574158E-01 -.272254401E-01 -.279052161E-01  
-.284847880E-01 -.289500899E-01 -.292845632E-01 -.294687030E-01 -.294795252E-01  
-.292899487E-01 -.288680935E-01 -.281765038E-01 -.271713195E-01 -.258014403E-01  
-.240077545E-01 -.217225737E-01 -.188695965E-01 -.153654979E-01 -.111281306E-01  
-.611874069E-02 -.589103364E-03 .504259244E-02 .107972931E-01 .166789178E-01  
.226887902E-01 .288277103E-01 .350961169E-01 .414938750E-01 .480198891E-01  
.546715208E-01 .614437344E-01 .683278570E-01 .753097961E-01 .823675077E-01  
.894674453E-01 .965596818E-01 .103571450E+00 .110399188E+00  
.116900273E+00  
.122888235E+00 .128140382E+00 .132432890E+00 .135614798E+00  
.137689024E+00  
-.155250619E-02 -.226833315E-02 -.312994479E-02 -.414347769E-02 -.529252755E-02  
-.653593966E-02 -.783983124E-02 -.917809321E-02 -.105313934E-01 -.118857211E-01  
-.132309878E-01 -.145598694E-01 -.158669113E-01 -.171478588E-01 -.183991609E-01  
-.196175968E-01 -.207999914E-01 -.219429880E-01 -.230428593E-01 -.240953399E-01  
-.250954676E-01 -.260374245E-01 -.269143667E-01 -.277182346E-01 -.284395338E-01  
-.290670767E-01 -.295876740E-01 -.299857650E-01 -.302429736E-01 -.303375829E-01  
-.302439167E-01 -.299316278E-01 -.293648982E-01 -.285015669E-01 -.272922241E-01



-.256793244E-01 -.235964163E-01 -.209676657E-01 -.177081785E-01 -.137271243E-01  
-.894360395E-02 -.337522242E-02 .238724447E-02 .829335732E-02 .143383943E-01  
.205247559E-01 .268561318E-01 .333364900E-01 .399697307E-01 .467593505E-01  
.537079581E-01 .608165299E-01 .680832635E-01 .755018289E-01 .830587166E-01  
.907292337E-01 .984714805E-01 .106217371E+00 .113859576E+00  
.121233758E+00  
.128098418E+00 .134124453E+00 .138929578E+00 .142220880E+00  
.144039155E+00  
-.161218242E-02 -.235293491E-02 -.324255370E-02 -.428652778E-02 -.546125102E-02  
-.672554877E-02 -.804605657E-02 -.939742761E-02 -.107611463E-01 -.121239762E-01  
-.134765245E-01 -.148120772E-01 -.161257136E-01 -.174136489E-01 -.186727526E-01  
-.199001894E-01 -.210931479E-01 -.222486257E-01 -.233632526E-01 -.244331342E-01  
-.254537055E-01 -.264195830E-01 -.273244067E-01 -.281606628E-01 -.289194781E-01  
-.295903759E-01 -.301609808E-01 -.306166635E-01 -.309401098E-01 -.311108042E-01  
-.311044171E-01 -.308920885E-01 -.304396130E-01 -.297065342E-01 -.286451813E-01  
-.271996929E-01 -.253051056E-01 -.228866368E-01 -.198594687E-01 -.161301196E-01  
-.116044938E-01 -.623198130E-02 -.287335348E-03 .577526380E-02 .119816267E-01  
.183411503E-01 .248614373E-01 .315503302E-01 .384160917E-01 .454672797E-01  
.527124703E-01 .601597577E-01 .678158965E-01 .756848743E-01 .837655740E-01  
.920479589E-01 .100506808E+00 .109091288E+00 .117707366E+00  
.126188189E+00  
.134246546E+00 .141411620E+00 .147000606E+00 .150337619E+00  
.151621757E+00  
-.166441314E-02 -.242697533E-02 -.334104228E-02 -.441145154E-02 -.560850974E-02  
-.689108227E-02 -.822628942E-02 -.958944343E-02 -.109627119E-01 -.123334980E-01  
-.136929823E-01 -.150349579E-01 -.163549523E-01 -.176495819E-01 -.189160811E-01  
-.201519542E-01 -.213547147E-01 -.225216800E-01 -.236498048E-01 -.247355341E-01  
-.257746667E-01 -.267622182E-01 -.276922733E-01 -.285578214E-01 -.293505631E-01  
-.300606796E-01 -.306765534E-01 -.311844266E-01 -.315679852E-01 -.318078555E-01  
-.318809994E-01 -.317600010E-01 -.314122421E-01 -.307989731E-01 -.298743035E-01  
-.285841537E-01 -.268652347E-01 -.246441620E-01 -.218369038E-01 -.183491133E-01  
-.140795321E-01 -.893783586E-02 -.295184329E-02 .324149077E-02 .960019938E-02  
.161258527E-01 .228279082E-01 .297179011E-01 .368085807E-01 .441138403E-01  
.516487114E-01 .594292415E-01 .674721290E-01 .757939465E-01 .844096656E-01

.933299768E-01 .102556447E+00 .112072559E+00 .121826327E+00  
.131694513E+00  
.141405252E+00 .150371653E+00 .157390325E+00 .160541264E+00  
.160712860E+00  
-.171011992E-02 -.249174000E-02 -.342711387E-02 -.452046361E-02 -.573696614E-02  
-.703554943E-02 -.838376757E-02 -.975749944E-02 -.111394879E-01 -.125176690E-01  
-.138836998E-01 -.152317965E-01 -.165578647E-01 -.178588630E-01 -.191323419E-01  
-.203761042E-01 -.215879524E-01 -.227654920E-01 -.239059718E-01 -.250061465E-01  
-.260621481E-01 -.270693582E-01 -.280222711E-01 -.289143399E-01 -.297377960E-01  
-.304834318E-01 -.311403359E-01 -.316955680E-01 -.321337584E-01 -.324366200E-01  
-.325823556E-01 -.325449525E-01 -.322933552E-01 -.317905211E-01 -.309923765E-01  
-.298467082E-01 -.282920534E-01 -.262566786E-01 -.236577993E-01 -.204013674E-01  
-.163835509E-01 -.114994225E-01 -.569383289E-02 .673382705E-03 .718358512E-02  
.138667107E-01 .207399744E-01 .278194891E-01 .351225725E-01 .426684678E-01  
.504787931E-01 .585779160E-01 .669932487E-01 .757553976E-01 .848980425E-01  
.944573258E-01 .104470340E+00 .114971842E+00 .125986862E+00  
.137511500E+00  
.149452198E+00 .161400710E+00 .171723787E+00 .173748723E+00  
.171472931E+00  
-.175013247E-02 -.254840405E-02 -.350234397E-02 -.461560676E-02 -.584904138E-02  
-.716165322E-02 -.852138076E-02 -.990458959E-02 -.112945089E-01 -.126795209E-01  
-.140516812E-01 -.154055608E-01 -.167373843E-01 -.180444032E-01 -.193244413E-01  
-.205755634E-01 -.217958286E-01 -.229831005E-01 -.241348945E-01 -.252482469E-01  
-.263195946E-01 -.273446553E-01 -.283183003E-01 -.292344111E-01 -.300857108E-01  
-.308635604E-01 -.315577088E-01 -.321559838E-01 -.326439094E-01 -.330042343E-01  
-.332163559E-01 -.332556261E-01 -.330925284E-01 -.326917268E-01 -.320109962E-01  
-.310000671E-01 -.295994368E-01 -.277392325E-01 -.253382490E-01 -.223033805E-01  
-.185300641E-01 -.139064465E-01 -.833716125E-02 -.190327586E-02 .472896499E-02  
.115532823E-01 .185828661E-01 .258360847E-01 .333341175E-01 .411011320E-01  
.491649875E-01 .575581105E-01 .663185123E-01 .754909865E-01 .851285571E-01  
.952943344E-01 .106064190E+00 .117531425E+00 .129816967E+00  
.143096052E+00  
.157675394E+00 .174224198E+00 .194447685E+00 .191255063E+00  
.183170809E+00  
-.178520124E-02 -.259804046E-02 -.356817630E-02 -.469873380E-02 -.594690758E-02

-.727179917E-02 -.864169075E-02 -.100333671E-01 -.114304695E-01 -.128217555E-01  
-.141996145E-01 -.155589158E-01 -.168961546E-01 -.182088324E-01 -.194950099E-01  
-.207529812E-01 -.219810330E-01 -.231772602E-01 -.243394190E-01 -.254648018E-01  
-.265501243E-01 -.275914128E-01 -.285838862E-01 -.295218223E-01 -.303984007E-01  
-.312055125E-01 -.319335251E-01 -.325709901E-01 -.331042788E-01 -.335171296E-01  
-.337900910E-01 -.338998430E-01 -.338183858E-01 -.335120880E-01 -.329406032E-01  
-.320556773E-01 -.307998946E-01 -.291054391E-01 -.268929740E-01 -.240707954E-01  
-.205345676E-01 -.161687721E-01 -.108561864E-01 -.454188353E-02 .221987757E-02  
.917342047E-02 .163424416E-01 .237499945E-01 .314209789E-01 .393838251E-01  
.476718120E-01 .563244727E-01 .653893021E-01 .749239313E-01 .849989915E-01  
.957020365E-01 .107143250E+00 .119464582E+00 .132856764E+00  
.147598352E+00  
.164168964E+00 .183652031E+00 .209390031E+00 .204541095E+00  
.193277209E+00  
-.181600425E-02 -.264163064E-02 -.362594101E-02 -.477151562E-02 -.603249531E-02  
-.736810998E-02 -.874695287E-02 -.101461698E-01 -.115497505E-01 -.129467681E-01  
-.143298923E-01 -.156942435E-01 -.170365460E-01 -.183545158E-01 -.196464184E-01  
-.209107488E-01 -.221459955E-01 -.233504603E-01 -.245221166E-01 -.256584902E-01  
-.267565514E-01 -.278126102E-01 -.288222064E-01 -.297799847E-01 -.306795498E-01  
-.315132879E-01 -.322721472E-01 -.329453626E-01 -.335201100E-01 -.339810751E-01  
-.343099168E-01 -.344846095E-01 -.344786470E-01 -.342601002E-01 -.337905279E-01  
-.330237601E-01 -.319045926E-01 -.303674632E-01 -.283352057E-01 -.257180148E-01  
-.224128538E-01 -.183040360E-01 -.132687610E-01 -.721266848E-02 -.340736484E-03  
.671960570E-02 .140066904E-01 .215457545E-01 .293637627E-01 .374921439E-01  
.459682657E-01 .548371579E-01 .641537487E-01 .739858034E-01 .844178433E-01  
.955564321E-01 .107537304E+00 .120534610E+00 .134770814E+00  
.150516662E+00  
.168027868E+00 .187168064E+00 .205558126E+00 .209850876E+00  
.201762306E+00  
-.184314413E-02 -.268007441E-02 -.367691265E-02 -.483545757E-02 -.610750156E-02  
-.745243948E-02 -.883913706E-02 -.102450447E-01 -.116544444E-01 -.130566730E-01  
-.144446352E-01 -.158136630E-01 -.171606754E-01 -.184835716E-01 -.197807950E-01  
-.210510166E-01 -.222929034E-01 -.235049428E-01 -.246853042E-01 -.258317253E-01

-.269414097E-01 -.280109286E-01 -.290361179E-01 -.300119633E-01 -.309324652E-01  
-.317904738E-01 -.325774834E-01 -.332833751E-01 -.338960908E-01 -.344012233E-01  
-.347815039E-01 -.350161680E-01 -.350801808E-01 -.349433103E-01 -.345690440E-01  
-.339133589E-01 -.329233816E-01 -.315359964E-01 -.296764962E-01 -.272573956E-01  
-.241775769E-01 -.203221351E-01 -.155644421E-01 -.977979365E-02 -.294728680E-02  
.418282713E-02 .115646167E-01 .192105357E-01 .271469124E-01 .354067697E-01  
.440299349E-01 .530648225E-01 .625710147E-01 .726227001E-01 .833132767E-01  
.947615475E-01 .107120019E+00 .120585742E+00 .135413573E+00  
.151929865E+00  
.170540176E+00 .191719009E+00 .215993076E+00 .227514023E+00  
.211115314E+00  
-.186712398E-02 -.271416941E-02 -.372249805E-02 -.489188217E-02 -.617337772E-02  
-.752638032E-02 -.891994725E-02 -.103317733E-01 -.117463816E-01 -.131533284E-01  
-.145457157E-01 -.159190535E-01 -.172704263E-01 -.185978907E-01 -.199000442E-01  
-.211757124E-01 -.224237206E-01 -.236427220E-01 -.248310635E-01 -.259866755E-01  
-.271069753E-01 -.281887744E-01 -.292281831E-01 -.302205040E-01 -.311601071E-01  
-.320402772E-01 -.328530237E-01 -.335888396E-01 -.342363962E-01 -.347821562E-01  
-.352098866E-01 -.355000511E-01 -.356290622E-01 -.355683773E-01 -.352834294E-01  
-.347323990E-01 -.338648522E-01 -.326203018E-01 -.309267761E-01 -.286995150E-01  
-.258399442E-01 -.222351899E-01 -.177590101E-01 -.122791444E-01 -.570865995E-02  
.153979994E-02 .900605048E-02 .167349948E-01 .247596819E-01 .331147190E-01  
.418407190E-01 .509870416E-01 .606146671E-01 .707998453E-01 .816389706E-01  
.932552026E-01 .105807524E+00 .119503331E+00 .134617052E+00  
.151523931E+00  
.170790530E+00 .193519615E+00 .222885433E+00 .239286821E+00  
.216297300E+00  
-.188832843E-02 -.274437322E-02 -.376295658E-02 -.494165161E-02 -.623128078E-02  
-.759127114E-02 -.899084361E-02 -.104078973E-01 -.118271567E-01 -.132383624E-01  
-.146347818E-01 -.160120758E-01 -.173674697E-01 -.186991557E-01 -.200058652E-01  
-.212865595E-01 -.225402047E-01 -.237656026E-01 -.249612603E-01 -.261252841E-01  
-.272552872E-01 -.283483026E-01 -.294006948E-01 -.304080613E-01 -.313651178E-01  
-.322655574E-01 -.331018752E-01 -.338651441E-01 -.345447307E-01 -.351279318E-01  
-.355995142E-01 -.359411367E-01 -.361306330E-01 -.361411369E-01 -.359400369E-01

-.354877609E-01 -.347364096E-01 -.336282873E-01 -.320944096E-01 -.300531057E-01  
-.274088592E-01 -.240516041E-01 -.198570188E-01 -.146904600E-01 -.843204753E-02  
-.117355854E-02 .633407294E-02 .141154974E-01 .221969363E-01 .306101739E-01  
.393939695E-01 .485958998E-01 .582748869E-01 .685046186E-01 .793781998E-01  
.910145288E-01 .103567066E+00 .117235737E+00 .132281933E+00  
.149041350E+00  
.167901969E+00 .189078779E+00 .211353205E+00 .225699245E+00  
.216003856E+00  
-.190706062E-02 -.277106380E-02 -.379868863E-02 -.498548749E-02 -.628217413E-02  
-.764824513E-02 -.905307715E-02 -.104747485E-01 -.118981564E-01 -.133131978E-01  
-.147132806E-01 -.160941941E-01 -.174532841E-01 -.187888601E-01 -.200997700E-01  
-.213850947E-01 -.226439255E-01 -.238751976E-01 -.250775634E-01 -.262492893E-01  
-.273881682E-01 -.284914381E-01 -.295556990E-01 -.305768234E-01 -.315498502E-01  
-.324688565E-01 -.333267955E-01 -.341152903E-01 -.348243699E-01 -.354421303E-01  
-.359543022E-01 -.363437053E-01 -.365895646E-01 -.366666713E-01 -.365443696E-01  
-.361853649E-01 -.355443677E-01 -.345666114E-01 -.331863194E-01 -.313252295E-01  
-.288913160E-01 -.257778644E-01 -.218631217E-01 -.170112925E-01 -.110802986E-01  
-.398808495E-02 .353850699E-02 .113488242E-01 .194583137E-01 .278946156E-01  
.366929073E-01 .458966002E-01 .555593251E-01 .657478003E-01 .765457861E-01  
.880595767E-01 .100425778E+00 .113822586E+00 .128486442E+00  
.144736312E+00  
.163005698E+00 .183870034E+00 .208023083E+00 .236187345E+00  
.219662594E+00  
-.192358395E-02 -.279460019E-02 -.383016750E-02 -.502404981E-02 -.632689236E-02  
-.769827587E-02 -.910772511E-02 -.105334791E-01 -.119605857E-01 -.133790768E-01  
-.147824808E-01 -.161666970E-01 -.175291752E-01 -.188683264E-01 -.201831007E-01  
-.214726847E-01 -.227362811E-01 -.239729453E-01 -.251814611E-01 -.263602414E-01  
-.275072445E-01 -.286198971E-01 -.296950183E-01 -.307287367E-01 -.317163943E-01  
-.326524286E-01 -.335302256E-01 -.343419296E-01 -.350782005E-01 -.357278987E-01  
-.362776828E-01 -.367114961E-01 -.370099217E-01 -.371493816E-01 -.371011637E-01  
-.368302643E-01 -.362940559E-01 -.354408091E-01 -.342081382E-01 -.325214734E-01  
-.302926988E-01 -.274191201E-01 -.237829768E-01 -.192521431E-01 -.136858209E-01  
-.697429045E-02 .609890393E-03 .843636633E-02 .165492833E-01 .249769605E-01  
.337504140E-01 .429070378E-01 .524924704E-01 .625627199E-01 .731869903E-01

.844515660E-01 .964654205E-01 .109369070E+00 .123350698E+00  
.138681886E+00  
.155815998E+00 .175714163E+00 .201072793E+00 .241315671E+00  
.215066318E+00  
-.193813785E-02 -.281532161E-02 -.385785698E-02 -.505794136E-02 -.636616991E-02  
-.774220879E-02 -.915572032E-02 -.105850879E-01 -.120154925E-01 -.134370834E-01  
-.148434932E-01 -.162307167E-01 -.175962938E-01 -.189387239E-01 -.202570469E-01  
-.215505430E-01 -.228185146E-01 -.240601255E-01 -.252742788E-01 -.264595213E-01  
-.276139631E-01 -.287352059E-01 -.298202719E-01 -.308655288E-01 -.318666019E-01  
-.328182680E-01 -.337143207E-01 -.345473981E-01 -.353087594E-01 -.359879952E-01  
-.365726541E-01 -.370477643E-01 -.373952271E-01 -.375930611E-01 -.376144729E-01  
-.374267445E-01 -.369899357E-01 -.362554272E-01 -.351643626E-01 -.336460888E-01  
-.316167325E-01 -.289780849E-01 -.256169962E-01 -.214056545E-01 -.162042969E-01  
-.987652883E-02 -.240962210E-02 .539104344E-02 .134818486E-01 .218731116E-01  
.305880656E-01 .396563233E-01 .491135379E-01 .590023460E-01 .693737215E-01  
.802886065E-01 .918198650E-01 .104054765E+00 .117098425E+00  
.131078591E+00  
.146147573E+00 .162441233E+00 .179728595E+00 .195189196E+00  
.190664324E+00  
-.195094090E-02 -.283354186E-02 -.388218696E-02 -.508770602E-02 -.640065540E-02  
-.778078216E-02 -.919787392E-02 -.106304434E-01 -.120637892E-01 -.134881636E-01  
-.148972904E-01 -.162872473E-01 -.176556529E-01 -.190010841E-01 -.203226602E-01  
-.216197446E-01 -.228917290E-01 -.241378748E-01 -.253571940E-01 -.265483556E-01  
-.277096097E-01 -.288387194E-01 -.299328959E-01 -.309887295E-01 -.320021109E-01  
-.329681349E-01 -.338809794E-01 -.347337487E-01 -.355182707E-01 -.362248308E-01  
-.368418288E-01 -.373553347E-01 -.377485243E-01 -.380009683E-01 -.380877542E-01  
-.379784238E-01 -.376357216E-01 -.370141724E-01 -.360585368E-01 -.347022353E-01  
-.328658778E-01 -.304560687E-01 -.273646850E-01 -.234688750E-01 -.186324866E-01  
-.127132332E-01 -.561289990E-02 .220869531E-02 .102697585E-01 .186042738E-01  
.272343910E-01 .361823711E-01 .454730299E-01 .551343807E-01 .651976596E-01  
.756966552E-01 .866658119E-01 .981359059E-01 .110124484E+00 .122613802E+00  
.135496115E+00 .148429412E+00 .160455933E+00 .169128729E+00  
.169752068E+00

-.196219126E-02 -.284954625E-02 -.390354661E-02 -.511382971E-02 -.643092110E-02  
-.781464211E-02 -.923489296E-02 -.106703016E-01 -.121062706E-01 -.135331432E-01  
-.149447230E-01 -.163371604E-01 -.177081431E-01 -.190563163E-01 -.203808695E-01  
-.216812403E-01 -.229569008E-01 -.242072007E-01 -.254312508E-01 -.266278323E-01  
-.277953239E-01 -.289316381E-01 -.300341613E-01 -.310996914E-01 -.321243668E-01  
-.331035803E-01 -.340318710E-01 -.349027827E-01 -.357086805E-01 -.364405093E-01  
-.370874787E-01 -.376366553E-01 -.380724385E-01 -.383758987E-01 -.385239520E-01  
-.384883540E-01 -.382345027E-01 -.377200619E-01 -.368934441E-01 -.356922343E-01  
-.340416821E-01 -.318534319E-01 -.290246865E-01 -.254380191E-01 -.209622621E-01  
-.154566341E-01 -.879423575E-02 -.106009133E-02 .693920116E-02 .151972227E-01  
.237229624E-01 .325288938E-01 .416283849E-01 .510348383E-01 .607604506E-01  
.708137605E-01 .811950695E-01 .918880698E-01 .102844399E+00 .113954562E+00  
.124992577E+00 .135513762E+00 .144691712E+00 .151186181E+00  
.153599699E+00  
-.197206711E-02 -.286359109E-02 -.392228384E-02 -.513674346E-02 -.645747077E-02  
-.784435425E-02 -.926739444E-02 -.107053215E-01 -.121436300E-01 -.135727432E-01  
-.149865352E-01 -.163812202E-01 -.177545468E-01 -.191052206E-01 -.204324937E-01  
-.217358699E-01 -.230148935E-01 -.242689944E-01 -.254973734E-01 -.266989144E-01  
-.278721143E-01 -.290150237E-01 -.301251913E-01 -.311996080E-01 -.322346432E-01  
-.332259684E-01 -.341684609E-01 -.350560775E-01 -.358816895E-01 -.366368640E-01  
-.373115784E-01 -.378938459E-01 -.383692342E-01 -.387202517E-01 -.389255776E-01  
-.389591159E-01 -.387888591E-01 -.383755667E-01 -.376712881E-01 -.366177994E-01  
-.351450712E-01 -.331699289E-01 -.305950943E-01 -.273087942E-01 -.231851203E-01  
-.180857279E-01 -.118674453E-01 -.444243431E-02 .350359267E-02 .116781639E-01  
.200892068E-01 .287420297E-01 .376394123E-01 .467813703E-01 .561634635E-01  
.657734563E-01 .755856762E-01 .855517948E-01 .955859068E-01 .105540787E+00  
.115171982E+00 .124090821E+00 .131728115E+00 .137390187E+00  
.140584577E+00  
-.198072745E-02 -.287590473E-02 -.393870720E-02 -.515682763E-02 -.648074683E-02  
-.787041346E-02 -.929591698E-02 -.107360778E-01 -.121764719E-01 -.136075932E-01  
-.150233775E-01 -.164200958E-01 -.177955502E-01 -.191485003E-01 -.204782535E-01

-.217843733E-01 -.230664691E-01 -.243240432E-01 -.255563785E-01 -.267624528E-01  
-.279408718E-01 -.290898133E-01 -.302069764E-01 -.312895308E-01 -.323340607E-01  
-.333364975E-01 -.342920343E-01 -.351950141E-01 -.360387828E-01 -.368154927E-01  
-.375158438E-01 -.381287439E-01 -.386408682E-01 -.390360931E-01 -.392947834E-01  
-.393929078E-01 -.393009686E-01 -.389827420E-01 -.383938521E-01 -.374802342E-01  
-.361765927E-01 -.344050051E-01 -.320738609E-01 -.290773278E-01 -.252955336E-01  
-.205959107E-01 -.148385707E-01 -.790888868E-02 -.817456937E-05 .807650577E-02  
.163690964E-01 .248676008E-01 .335643988E-01 .424477492E-01 .514998161E-01  
.606930628E-01 .699847838E-01 .793090946E-01 .885655558E-01 .976039683E-01  
.106206669E+00 .114075051E+00 .120839146E+00 .126127098E+00  
.129729247E+00  
-.198831335E-02 -.288668925E-02 -.395308885E-02 -.517441649E-02 -.650113687E-02  
-.789325221E-02 -.932093048E-02 -.107630718E-01 -.122053236E-01 -.136382423E-01  
-.150558185E-01 -.164543728E-01 -.178317551E-01 -.191867727E-01 -.205187828E-01  
-.218274022E-01 -.231122989E-01 -.243730410E-01 -.256089862E-01 -.268191980E-01  
-.280023820E-01 -.291568329E-01 -.302803887E-01 -.313703846E-01 -.324236038E-01  
-.334362190E-01 -.344037167E-01 -.353208002E-01 -.361812576E-01 -.369777880E-01  
-.377017683E-01 -.383429459E-01 -.388890375E-01 -.393252113E-01 -.396334286E-01  
-.397916237E-01 -.397727003E-01 -.395433404E-01 -.390626370E-01 -.382805966E-01  
-.371366031E-01 -.355579815E-01 -.334588487E-01 -.307394480E-01 -.272861396E-01  
-.229721974E-01 -.176600016E-01 -.112098263E-01 -.355280055E-02 .441887665E-02  
.125960130E-01 .209486986E-01 .294573317E-01 .381003100E-01 .468498884E-01  
.556685085E-01 .645041574E-01 .732843451E-01 .819086955E-01 .902409104E-01  
.981025826E-01 .105274597E+00 .111516405E+00 .116615283E+00  
.120464400E+00  
-.199494930E-02 -.289612266E-02 -.396566776E-02 -.518980290E-02 -.651897970E-02  
-.791324790E-02 -.934284464E-02 -.107867400E-01 -.122306447E-01 -.136651699E-01  
-.150843543E-01 -.164845630E-01 -.178636880E-01 -.192205791E-01 -.205546377E-01  
-.218655288E-01 -.231529732E-01 -.244165986E-01 -.256558304E-01 -.268698107E-01  
-.280573362E-01 -.292168093E-01 -.303461953E-01 -.314429820E-01 -.325041367E-01  
-.335260545E-01 -.345044941E-01 -.354344919E-01 -.363102469E-01 -.371249657E-01



-.378706548E-01 -.385378438E-01 -.391152219E-01 -.395891661E-01 -.399431371E-01  
-.401569209E-01 -.402056949E-01 -.400589069E-01 -.396789740E-01 -.390198345E-01  
-.380254313E-01 -.366282534E-01 -.347481162E-01 -.322913889E-01 -.291508749E-01  
-.252065386E-01 -.203275931E-01 -.143794309E-01 -.726434223E-02 .705608221E-03  
.879794123E-02 .170246815E-01 .253666521E-01 .337964807E-01 .422800697E-01  
.507743043E-01 .592236354E-01 .675560323E-01 .756787731E-01 .834751195E-01  
.908039860E-01 .975061347E-01 .103421357E+00 .108419128E+00  
.112436459E+00  
-.200074467E-02 -.290436105E-02 -.397665305E-02 -.520324263E-02 -.653457080E-02  
-.793072935E-02 -.936201613E-02 -.108074628E-01 -.122528354E-01 -.136887932E-01  
-.151094180E-01 -.165111134E-01 -.178918092E-01 -.192503928E-01 -.205863056E-01  
-.218992552E-01 -.231890102E-01 -.244552522E-01 -.256974681E-01 -.269148713E-01  
-.281063418E-01 -.292703804E-01 -.304050691E-01 -.315080359E-01 -.325764165E-01  
-.336068114E-01 -.345952293E-01 -.355370136E-01 -.364267418E-01 -.372580890E-01  
-.380236430E-01 -.387146567E-01 -.393207200E-01 -.398293312E-01 -.402253453E-01  
-.404902761E-01 -.406014297E-01 -.405308561E-01 -.402441170E-01 -.396988956E-01  
-.388435115E-01 -.376154538E-01 -.359401038E-01 -.337298610E-01 -.308838980E-01  
-.272887458E-01 -.228199471E-01 -.173457578E-01 -.107402772E-01 -.298102573E-02  
.501410355E-02 .131336494E-01 .213355095E-01 .295849628E-01 .378437440E-01  
.460664498E-01 .541978419E-01 .621703053E-01 .699017998E-01 .772951699E-01  
.842402142E-01 .906203383E-01 .963253292E-01 .101269803E+00 .105412452E+00  
-.200579516E-02 -.291154079E-02 -.398622708E-02 -.521495842E-02 -.654816728E-02  
-.794598244E-02 -.937875500E-02 -.108255705E-01 -.122722434E-01 -.137094757E-01  
-.151313863E-01 -.165344135E-01 -.179165203E-01 -.192766277E-01 -.206142124E-01  
-.219290206E-01 -.232208637E-01 -.244894718E-01 -.257343875E-01 -.269548887E-01  
-.281499314E-01 -.293181056E-01 -.304576001E-01 -.315661703E-01 -.326411065E-01  
-.336791962E-01 -.346766772E-01 -.356291737E-01 -.365316099E-01 -.373780897E-01  
-.381617337E-01 -.388744583E-01 -.395066799E-01 -.400469281E-01 -.404813419E-01  
-.407930301E-01 -.409612700E-01 -.409605304E-01 -.407593104E-01 -.403188107E-01  
-.395914891E-01 -.385195967E-01 -.370338527E-01 -.350524684E-01 -.324807571E-01

-.292115536E-01 -.251266375E-01 -.200996612E-01 -.140040939E-01 -.675737696E-02  
.125262889E-02 .930630591E-02 .174013520E-01 .255066898E-01 .335834182E-01  
.415864339E-01 .494632055E-01 .571524085E-01 .645831917E-01 .716757506E-01  
.783440313E-01 .845013760E-01 .900694186E-01 .949892227E-01 .992316383E-01  
-.201018417E-02 -.291778057E-02 -.399454832E-02 -.522514369E-02 -.655999219E-02  
-.795925514E-02 -.939333013E-02 -.108413497E-01 -.122891708E-01 -.137275325E-01  
-.151505867E-01 -.165548021E-01 -.179381709E-01 -.192996440E-01 -.206387297E-01  
-.219552083E-01 -.232489299E-01 -.245196679E-01 -.257670151E-01 -.269903078E-01  
-.281885704E-01 -.293604739E-01 -.305043036E-01 -.316179309E-01 -.326987860E-01  
-.337438266E-01 -.347494981E-01 -.357116802E-01 -.366256116E-01 -.374857862E-01  
-.382858087E-01 -.390181984E-01 -.396741241E-01 -.402430539E-01 -.407122977E-01  
-.410664208E-01 -.412865054E-01 -.413492414E-01 -.412258354E-01 -.408807467E-01  
-.402702873E-01 -.393411703E-01 -.380291447E-01 -.362579182E-01 -.339386045E-01  
-.309699313E-01 -.272393829E-01 -.226254611E-01 -.170021183E-01 -.102547162E-01  
-.240620176E-02 .558205145E-02 .135992761E-01 .215967818E-01 .295333193E-01  
.373652277E-01 .450439495E-01 .525150756E-01 .597182666E-01 .665882943E-01  
.730576039E-01 .790606873E-01 .845401377E-01 .894535055E-01 .937791880E-01  
-.201398406E-02 -.292318330E-02 -.400175402E-02 -.523396577E-02 -.657023849E-02  
-.797076190E-02 -.940597405E-02 -.108550483E-01 -.123038788E-01 -.137432367E-01  
-.151673030E-01 -.165725728E-01 -.179570644E-01 -.193197549E-01 -.206601804E-01  
-.219781520E-01 -.232735538E-01 -.245461982E-01 -.257957229E-01 -.270215164E-01  
-.282226647E-01 -.293979117E-01 -.305456294E-01 -.316637936E-01 -.327499607E-01  
-.338012416E-01 -.348142689E-01 -.357851522E-01 -.367094138E-01 -.375818983E-01  
-.383966468E-01 -.391467213E-01 -.398239682E-01 -.404187017E-01 -.409192874E-01  
-.413116062E-01 -.415783731E-01 -.416982920E-01 -.416450330E-01 -.413860308E-01  
-.408811339E-01 -.400811699E-01 -.389265500E-01 -.373460942E-01 -.352563126E-01  
-.325613819E-01 -.291540095E-01 -.249172998E-01 -.197280280E-01 -.134651472E-01  
-.606052287E-02 .197200235E-02 .995766050E-02 .178854555E-01 .257217206E-01  
.334266920E-01 .409566843E-01 .482642213E-01 .552983850E-01 .620059422E-01  
.683335009E-01 .742307601E-01 .796546206E-01 .845735139E-01 .889709289E-01  
-.201725732E-02 -.292783775E-02 -.400796248E-02 -.524156887E-02 -.657907239E-02

-.798068745E-02 -.941688709E-02 -.108668801E-01 -.123165926E-01 -.137568239E-01  
-.151817800E-01 -.165879795E-01 -.179734631E-01 -.193372311E-01 -.206788443E-01  
-.219981406E-01 -.232950345E-01 -.245693728E-01 -.258208333E-01 -.270488510E-01  
-.282525666E-01 -.294307890E-01 -.305819677E-01 -.317041719E-01 -.327950702E-01  
-.338519105E-01 -.348714925E-01 -.358501308E-01 -.367836006E-01 -.376670594E-01  
-.384949369E-01 -.392607789E-01 -.399570356E-01 -.405747749E-01 -.411033039E-01  
-.415296773E-01 -.418380685E-01 -.420089845E-01 -.420183053E-01 -.418361441E-01  
-.414255450E-01 -.407410708E-01 -.397273842E-01 -.383179877E-01 -.364343421E-01  
-.339856122E-01 -.308692491E-01 -.269725295E-01 -.221752205E-01 -.163549644E-01  
-.940980727E-02 -.144788925E-02 .651375954E-02 .144018049E-01 .221733577E-01  
.297903177E-01 .372137048E-01 .444025973E-01 .513143548E-01 .579055942E-01  
.641338880E-01 .699601356E-01 .753513775E-01 .802836098E-01 .847439984E-01  
-.202005760E-02 -.293182011E-02 -.401327514E-02 -.524807658E-02 -.658663633E-02  
-.798919009E-02 -.942624098E-02 -.108770282E-01 -.123275054E-01 -.137684962E-01  
-.151942283E-01 -.166012402E-01 -.179875926E-01 -.193523058E-01 -.206949621E-01  
-.220154231E-01 -.233136298E-01 -.245894595E-01 -.258426249E-01 -.270726022E-01  
-.282785805E-01 -.294594258E-01 -.306136564E-01 -.317394235E-01 -.328344953E-01  
-.338962403E-01 -.349216059E-01 -.359070874E-01 -.368486828E-01 -.377418258E-01  
-.385812880E-01 -.393610412E-01 -.400740669E-01 -.407120965E-01 -.412652656E-01  
-.417216623E-01 -.420667455E-01 -.422826131E-01 -.423470992E-01 -.422326913E-01  
-.419052759E-01 -.413227515E-01 -.404335957E-01 -.391755309E-01 -.374744971E-01  
-.352441749E-01 -.323862891E-01 -.287918193E-01 -.243431273E-01 -.189172909E-01  
-.123950174E-01 -.472506760E-02 .328275313E-02 .111698903E-01 .189102333E-01  
.264730741E-01 .338252012E-01 .409320174E-01 .477581900E-01 .542685104E-01  
.604291997E-01 .662096343E-01 .715843069E-01 .765347202E-01 .810508465E-01  
-.202243064E-02 -.293519528E-02 -.401777837E-02 -.525359412E-02 -.659305156E-02  
-.799640460E-02 -.943418196E-02 -.108856487E-01 -.123367819E-01 -.137784260E-01  
-.152048271E-01 -.166125411E-01 -.179996455E-01 -.193651781E-01 -.207087398E-01  
-.220302126E-01 -.233295605E-01 -.246066873E-01 -.258613362E-01 -.270930192E-01

-.283009673E-01 -.294840967E-01 -.306409853E-01 -.317698560E-01 -.328685636E-01  
-.339345819E-01 -.349649865E-01 -.359564303E-01 -.369051051E-01 -.378066841E-01  
-.386562361E-01 -.394481027E-01 -.401757263E-01 -.408314134E-01 -.414060182E-01  
-.418885250E-01 -.422655082E-01 -.425204472E-01 -.426328760E-01 -.425773517E-01  
-.423222457E-01 -.418283837E-01 -.410476054E-01 -.399213718E-01 -.383796103E-01  
-.363400410E-01 -.337082274E-01 -.303785261E-01 -.262359983E-01 -.211595447E-01  
-.150292690E-01 -.776526332E-02 .312119247E-03 .821973580E-02 .159545324E-01  
.234910553E-01 .308007303E-01 .378546364E-01 .446239006E-01 .510802138E-01  
.571967710E-01 .629495392E-01 .683186703E-01 .732898332E-01 .778552308E-01  
-.202441505E-02 -.293801800E-02 -.402154501E-02 -.525821018E-02 -.659842032E-02  
-.800244464E-02 -.944083337E-02 -.108928733E-01 -.123445612E-01 -.137867588E-01  
-.152137281E-01 -.166220395E-01 -.180097849E-01 -.193760168E-01 -.207203518E-01  
-.220426896E-01 -.233430138E-01 -.246212507E-01 -.258771697E-01 -.271103133E-01  
-.283199488E-01 -.295050350E-01 -.306642011E-01 -.317957313E-01 -.328975547E-01  
-.339672351E-01 -.350019579E-01 -.359985108E-01 -.369532511E-01 -.378620566E-01  
-.387202496E-01 -.395224871E-01 -.402626041E-01 -.409333973E-01 -.415263326E-01  
-.420311575E-01 -.424353963E-01 -.427237062E-01 -.428770713E-01 -.428718181E-01  
-.426784474E-01 -.422603013E-01 -.415721226E-01 -.405586163E-01 -.391531901E-01  
-.372771095E-01 -.348393228E-01 -.317371605E-01 -.278579798E-01 -.230817589E-01  
-.172855380E-01 -.103597138E-01 -.234826838E-02 .557749631E-02 .133267557E-01  
.208598214E-01 .281499673E-01 .351735651E-01 .419077037E-01 .483300618E-01  
.544195827E-01 .601574732E-01 .655282905E-01 .705209428E-01 .751294504E-01  
-.202604296E-02 -.294033389E-02 -.402463570E-02 -.526199861E-02 -.660282772E-02  
-.800740485E-02 -.944629793E-02 -.108988116E-01 -.123509590E-01 -.137936161E-01  
-.152210579E-01 -.166298669E-01 -.180181468E-01 -.193849626E-01 -.207299440E-01  
-.220530052E-01 -.233541463E-01 -.246333125E-01 -.258902950E-01 -.271246620E-01  
-.283357109E-01 -.295224365E-01 -.306835108E-01 -.318172695E-01 -.329217038E-01  
-.339944527E-01 -.350327937E-01 -.360336268E-01 -.369934477E-01 -.379083049E-01  
-.387737321E-01 -.395846491E-01 -.403352179E-01 -.410186429E-01 -.416268992E-01

-.421503689E-01 -.425773667E-01 -.428935297E-01 -.430810503E-01 -.431177304E-01  
-.429758509E-01 -.426208636E-01 -.420099540E-01 -.410905697E-01 -.397990779E-01  
-.380597777E-01 -.357845330E-01 -.328732557E-01 -.292153409E-01 -.246919833E-01  
-.191795503E-01 -.125585540E-01 -.478291499E-02 .324713876E-02 .110449169E-01  
.185952523E-01 .258832824E-01 .328930921E-01 .396078798E-01 .460106578E-01  
.520851534E-01 .578167727E-01 .631935373E-01 .682069039E-01 .728523815E-01  
-.202734066E-02 -.294218019E-02 -.402709997E-02 -.526501973E-02 -.660634328E-02  
-.801136254E-02 -.945065960E-02 -.109035534E-01 -.123560700E-01 -.137990972E-01  
-.152269199E-01 -.166361307E-01 -.180248428E-01 -.193921310E-01 -.207376358E-01  
-.220612832E-01 -.233630864E-01 -.246430061E-01 -.259008512E-01 -.271362107E-01  
-.283484064E-01 -.295364623E-01 -.306990851E-01 -.318346522E-01 -.329412051E-01  
-.340164441E-01 -.350577208E-01 -.360620263E-01 -.370259682E-01 -.379457328E-01  
-.388170248E-01 -.396349756E-01 -.403940111E-01 -.410876646E-01 -.417083208E-01  
-.422468735E-01 -.426922735E-01 -.430309476E-01 -.432460617E-01 -.433166090E-01  
-.432163088E-01 -.429123225E-01 -.423638212E-01 -.415204915E-01 -.403211273E-01  
-.386925299E-01 -.365489838E-01 -.337925697E-01 -.303144815E-01 -.259973924E-01  
-.207192222E-01 -.143622062E-01 -.686322736E-02 .128575320E-02 .914082336E-02  
.167168603E-01 .240122169E-01 .310185129E-01 .377243485E-01 .441171766E-01  
.501845648E-01 .559152165E-01 .612998431E-01 .663318857E-01 .710080525E-01  
-.202832903E-02 -.294358651E-02 -.402897716E-02 -.526732144E-02 -.660902220E-02  
-.801437912E-02 -.945398507E-02 -.109071700E-01 -.123599697E-01 -.138032808E-01  
-.152313965E-01 -.166409165E-01 -.180299615E-01 -.193976139E-01 -.207435224E-01  
-.220676222E-01 -.233699366E-01 -.246504382E-01 -.259089496E-01 -.271450757E-01  
-.283581574E-01 -.295472412E-01 -.307110604E-01 -.318480247E-01 -.329562147E-01  
-.340333774E-01 -.350769220E-01 -.360839097E-01 -.370510340E-01 -.379745877E-01  
-.388504066E-01 -.396737851E-01 -.404393516E-01 -.411408917E-01 -.417711050E-01  
-.423212773E-01 -.427808478E-01 -.431368491E-01 -.433731945E-01 -.434697920E-01  
-.434014679E-01 -.431367009E-01 -.426361963E-01 -.418513753E-01 -.407229189E-01  
-.391795791E-01 -.371375264E-01 -.345005140E-01 -.311610585E-01 -.270027223E-01

-.219037384E-01 -.157444579E-01 -.844049475E-02 -.243503671E-03 .764677024E-02  
.152432960E-01 .225476425E-01 .295551649E-01 .362579575E-01 .426466420E-01  
.487116150E-01 .544440274E-01 .598365922E-01 .648842385E-01 .695845992E-01  
-.202902393E-02 -.294457532E-02 -.403029714E-02 -.526894011E-02 -.661090642E-02  
-.801650122E-02 -.945632499E-02 -.109097153E-01 -.123627151E-01 -.138062272E-01  
-.152345502E-01 -.166442893E-01 -.180335704E-01 -.194014813E-01 -.207476764E-01  
-.220720973E-01 -.233747750E-01 -.246556899E-01 -.259146747E-01 -.271513457E-01  
-.283650570E-01 -.295548713E-01 -.307195408E-01 -.318574983E-01 -.329668517E-01  
-.340453816E-01 -.350905378E-01 -.360994312E-01 -.370688165E-01 -.379950615E-01  
-.388740950E-01 -.397013268E-01 -.404715285E-01 -.411786641E-01 -.418156557E-01  
-.423740661E-01 -.428436796E-01 -.432119567E-01 -.434633389E-01 -.435783813E-01  
-.435326935E-01 -.432956879E-01 -.428291590E-01 -.420857617E-01 -.410075213E-01  
-.395245778E-01 -.375544337E-01 -.350019826E-01 -.317605226E-01 -.277137972E-01  
-.227390722E-01 -.167125993E-01 -.953219799E-02 -.132710643E-02 .657794533E-02  
.141863044E-01 .214974065E-01 .285073030E-01 .352097501E-01 .415972742E-01  
.476621229E-01 .533971015E-01 .587962952E-01 .638556652E-01 .685735005E-01  
-.202943648E-02 -.294516238E-02 -.403108085E-02 -.526990123E-02 -.661202534E-02  
-.801776156E-02 -.945771490E-02 -.109112275E-01 -.123643465E-01 -.138079784E-01  
-.152364251E-01 -.166462950E-01 -.180357170E-01 -.194037823E-01 -.207501487E-01  
-.220747616E-01 -.233776563E-01 -.246588184E-01 -.259180862E-01 -.271550830E-01  
-.283691709E-01 -.295594219E-01 -.307246000E-01 -.318631514E-01 -.329732005E-01  
-.340525479E-01 -.350986677E-01 -.361087005E-01 -.370794374E-01 -.380072910E-01  
-.388882457E-01 -.397177799E-01 -.404907506E-01 -.412012281E-01 -.418422669E-01  
-.424055951E-01 -.428812021E-01 -.432568032E-01 -.435171548E-01 -.436431973E-01  
-.436110071E-01 -.433905539E-01 -.429442823E-01 -.422255849E-01 -.411772903E-01  
-.397303667E-01 -.378031018E-01 -.353010341E-01 -.321178261E-01 -.281370748E-01  
-.232349118E-01 -.172842072E-01 -.101722029E-01 -.197153483E-02 .593751909E-02  
.135511183E-01 .208659654E-01 .278776630E-01 .345805292E-01 .409680274E-01  
.470334170E-01 .527704456E-01 .581739945E-01 .632406299E-01 .679690325E-01  
-.202957326E-02 -.294535703E-02 -.403134072E-02 -.527021994E-02 -.661239639E-02

-.801817953E-02 -.945817588E-02 -.109117291E-01 -.123648877E-01 -.138085594E-01  
-.152370472E-01 -.166469606E-01 -.180364295E-01 -.194045460E-01 -.207509694E-01  
-.220756462E-01 -.233786131E-01 -.246598575E-01 -.259192195E-01 -.271563246E-01  
-.283705378E-01 -.295609343E-01 -.307262816E-01 -.318650306E-01 -.329753112E-01  
-.340549306E-01 -.351013711E-01 -.361117830E-01 -.370829696E-01 -.380113584E-01  
-.388929522E-01 -.397232522E-01 -.404971439E-01 -.412087328E-01 -.418511174E-01  
-.424160805E-01 -.428936799E-01 -.432717154E-01 -.435350479E-01 -.436647456E-01  
-.436370404E-01 -.434220868E-01 -.429825459E-01 -.422720553E-01 -.412337109E-01  
-.397987556E-01 -.378857357E-01 -.354003962E-01 -.322365000E-01 -.282775473E-01  
-.233992007E-01 -.174730836E-01 -.103830245E-01 -.218521817E-02 .572433195E-02  
.133393081E-01 .206553086E-01 .276676451E-01 .343707432E-01 .407583384E-01  
.468240080E-01 .525618036E-01 .579668664E-01 .630359622E-01 .677679015E-01  
-.202943648E-02 -.294516238E-02 -.403108085E-02 -.526990123E-02 -.661202534E-02  
-.801776156E-02 -.945771490E-02 -.109112275E-01 -.123643465E-01 -.138079784E-01  
-.152364251E-01 -.166462950E-01 -.180357170E-01 -.194037823E-01 -.207501487E-01  
-.220747616E-01 -.233776563E-01 -.246588184E-01 -.259180862E-01 -.271550830E-01  
-.283691709E-01 -.295594219E-01 -.307246000E-01 -.318631514E-01 -.329732005E-01  
-.340525479E-01 -.350986677E-01 -.361087005E-01 -.370794374E-01 -.380072910E-01  
-.388882457E-01 -.397177799E-01 -.404907506E-01 -.412012281E-01 -.418422669E-01  
-.424055951E-01 -.428812021E-01 -.432568032E-01 -.435171548E-01 -.436431973E-01  
-.436110071E-01 -.433905539E-01 -.429442823E-01 -.422255849E-01 -.411772903E-01  
-.397303667E-01 -.378031018E-01 -.353010341E-01 -.321178261E-01 -.281370748E-01  
-.232349118E-01 -.172842072E-01 -.101722029E-01 -.197153483E-02 .593751909E-02  
.135511183E-01 .208659654E-01 .278776630E-01 .345805292E-01 .409680274E-01  
.470334170E-01 .527704456E-01 .581739945E-01 .632406299E-01 .679690325E-01  
-.202902393E-02 -.294457532E-02 -.403029714E-02 -.526894011E-02 -.661090642E-02  
-.801650122E-02 -.945632499E-02 -.109097153E-01 -.123627151E-01 -.138062272E-01  
-.152345502E-01 -.166442893E-01 -.180335704E-01 -.194014813E-01 -.207476764E-01  
-.220720973E-01 -.233747750E-01 -.246556899E-01 -.259146747E-01 -.271513457E-01

-.283650570E-01 -.295548713E-01 -.307195408E-01 -.318574983E-01 -.329668517E-01  
-.340453816E-01 -.350905378E-01 -.360994312E-01 -.370688165E-01 -.379950615E-01  
-.388740950E-01 -.397013268E-01 -.404715285E-01 -.411786641E-01 -.418156557E-01  
-.423740661E-01 -.428436796E-01 -.432119567E-01 -.434633389E-01 -.435783813E-01  
-.435326935E-01 -.432956879E-01 -.428291590E-01 -.420857617E-01 -.410075213E-01  
-.395245778E-01 -.375544337E-01 -.350019826E-01 -.317605226E-01 -.277137972E-01  
-.227390722E-01 -.167125993E-01 -.953219799E-02 .132710643E-02 .657794533E-02  
.141863044E-01 .214974065E-01 .285073030E-01 .352097501E-01 .415972742E-01  
.476621229E-01 .533971015E-01 .587962952E-01 .638556652E-01 .685735005E-01  
-.202832903E-02 -.294358651E-02 -.402897716E-02 -.526732144E-02 -.660902220E-02  
-.801437912E-02 -.945398507E-02 -.109071700E-01 -.123599697E-01 -.138032808E-01  
-.152313965E-01 -.166409165E-01 -.180299615E-01 -.193976139E-01 -.207435224E-01  
-.220676222E-01 -.233699366E-01 -.246504382E-01 -.259089496E-01 -.271450757E-01  
-.283581574E-01 -.295472412E-01 -.307110604E-01 -.318480247E-01 -.329562147E-01  
-.340333774E-01 -.350769220E-01 -.360839097E-01 -.370510340E-01 -.379745877E-01  
-.388504066E-01 -.396737851E-01 -.404393516E-01 -.411408917E-01 -.417711050E-01  
-.423212773E-01 -.427808478E-01 -.431368491E-01 -.433731945E-01 -.434697920E-01  
-.434014679E-01 -.431367009E-01 -.426361963E-01 -.418513753E-01 -.407229189E-01  
-.391795791E-01 -.371375264E-01 -.345005140E-01 -.311610585E-01 -.270027223E-01  
-.219037384E-01 -.157444579E-01 -.844049475E-02 -.243503671E-03 .764677024E-02  
.152432960E-01 .225476425E-01 .295551649E-01 .362579575E-01 .426466420E-01  
.487116150E-01 .544440274E-01 .598365922E-01 .648842385E-01 .695845992E-01  
-.202734066E-02 -.294218019E-02 -.402709997E-02 -.526501973E-02 -.660634328E-02  
-.801136254E-02 -.945065960E-02 -.109035534E-01 -.123560700E-01 -.137990972E-01  
-.152269199E-01 -.166361307E-01 -.180248428E-01 -.193921310E-01 -.207376358E-01  
-.220612832E-01 -.233630864E-01 -.246430061E-01 -.259008512E-01 -.271362107E-01  
-.283484064E-01 -.295364623E-01 -.306990851E-01 -.318346522E-01 -.329412051E-01  
-.340164441E-01 -.350577208E-01 -.360620263E-01 -.370259682E-01 -.379457328E-01  
-.388170248E-01 -.396349756E-01 -.403940111E-01 -.410876646E-01 -.417083208E-01



-.422468735E-01 -.426922735E-01 -.430309476E-01 -.432460617E-01 -.433166090E-01  
-.432163088E-01 -.429123225E-01 -.423638212E-01 -.415204915E-01 -.403211273E-01  
-.386925299E-01 -.365489838E-01 -.337925697E-01 -.303144815E-01 -.259973924E-01  
-.207192222E-01 -.143622062E-01 -.686322736E-02 .128575320E-02 .914082336E-02  
.167168603E-01 .240122169E-01 .310185129E-01 .377243485E-01 .441171766E-01  
.501845648E-01 .559152165E-01 .612998431E-01 .663318857E-01 .710080525E-01  
-.202604296E-02 -.294033389E-02 -.402463570E-02 -.526199861E-02 -.660282772E-02  
-.800740485E-02 -.944629793E-02 -.108988116E-01 -.123509590E-01 -.137936161E-01  
-.152210579E-01 -.166298669E-01 -.180181468E-01 -.193849626E-01 -.207299440E-01  
-.220530052E-01 -.233541463E-01 -.246333125E-01 -.258902950E-01 -.271246620E-01  
-.283357109E-01 -.295224365E-01 -.306835108E-01 -.318172695E-01 -.329217038E-01  
-.339944527E-01 -.350327937E-01 -.360336268E-01 -.369934477E-01 -.379083049E-01  
-.387737321E-01 -.395846491E-01 -.403352179E-01 -.410186429E-01 -.416268992E-01  
-.421503689E-01 -.425773667E-01 -.428935297E-01 -.430810503E-01 -.431177304E-01  
-.429758509E-01 -.426208636E-01 -.420099540E-01 -.410905697E-01 -.397990779E-01  
-.380597777E-01 -.357845330E-01 -.328732557E-01 -.292153409E-01 -.246919833E-01  
-.191795503E-01 -.125585540E-01 -.478291499E-02 .324713876E-02 .110449169E-02  
.185952523E-01 .258832824E-01 .328930921E-01 .396078798E-01 .460106578E-01  
.520851534E-01 .578167727E-01 .631935373E-01 .682069039E-01 .728523815E-01  
-.202441505E-02 -.293801800E-02 -.402154501E-02 -.525821018E-02 -.659842032E-02  
-.800244464E-02 -.944083337E-02 -.108928733E-01 -.123445612E-01 -.137867588E-01  
-.152137281E-01 -.166220395E-01 -.180097849E-01 -.193760168E-01 -.207203518E-01  
-.220426896E-01 -.233430138E-01 -.246212507E-01 -.258771697E-01 -.271103133E-01  
-.283199488E-01 -.295050350E-01 -.306642011E-01 -.317957313E-01 -.328975547E-01  
-.339672351E-01 -.350019579E-01 -.359985108E-01 -.369532511E-01 -.378620566E-01  
-.387202496E-01 -.395224871E-01 -.402626041E-01 -.409333973E-01 -.415263326E-01  
-.420311575E-01 -.424353963E-01 -.427237062E-01 -.428770713E-01 -.428718181E-01  
-.426784474E-01 -.422603013E-01 -.415721226E-01 -.405586163E-01 -.391531901E-01  
-.372771095E-01 -.348393228E-01 -.317371605E-01 -.278579798E-01 -.230817589E-01

-.172855380E-01 -.103597138E-01 -.234826838E-02 .557749631E-02 .133267557E-01  
.208598214E-01 .281499673E-01 .351735651E-01 .419077037E-01 .483300618E-01  
.544195827E-01 .601574732E-01 .655282905E-01 .705209428E-01 .751294504E-01  
-.202243064E-02 -.293519528E-02 -.401777837E-02 -.525359412E-02 -.659305156E-02  
-.799640460E-02 -.943418196E-02 -.108856487E-01 -.123367819E-01 -.137784260E-01  
-.152048271E-01 -.166125411E-01 -.179996455E-01 -.193651781E-01 -.207087398E-01  
-.220302126E-01 -.233295605E-01 -.246066873E-01 -.258613362E-01 -.270930192E-01  
-.283009673E-01 -.294840967E-01 -.306409853E-01 -.317698560E-01 -.328685636E-01  
-.339345819E-01 -.349649865E-01 -.359564303E-01 -.369051051E-01 -.378066841E-01  
-.386562361E-01 -.394481027E-01 -.401757263E-01 -.408314134E-01 -.414060182E-01  
-.418885250E-01 -.422655082E-01 -.425204472E-01 -.426328760E-01 -.425773517E-01  
-.423222457E-01 -.418283837E-01 -.410476054E-01 -.399213718E-01 -.383796103E-01  
-.363400410E-01 -.337082274E-01 -.303785261E-01 -.262359983E-01 -.211595447E-01  
-.150292690E-01 -.776526332E-02 .312119247E-03 .821973580E-02 .159545324E-01  
.234910553E-01 .308007303E-01 .378546364E-01 .446239006E-01 .510802138E-01  
.571967710E-01 .629495392E-01 .683186703E-01 .732898332E-01 .778552308E-01  
-.202005760E-02 -.293182011E-02 -.401327514E-02 -.524807658E-02 -.658663633E-02  
-.798919009E-02 -.942624098E-02 -.108770282E-01 -.123275054E-01 -.137684962E-01  
-.151942283E-01 -.166012402E-01 -.179875926E-01 -.193523058E-01 -.206949621E-01  
-.220154231E-01 -.233136298E-01 -.245894595E-01 -.258426249E-01 -.270726022E-01  
-.282785805E-01 -.294594258E-01 -.306136564E-01 -.317394235E-01 -.328344953E-01  
-.338962403E-01 -.349216059E-01 -.359070874E-01 -.368486828E-01 -.377418258E-01  
-.385812880E-01 -.393610412E-01 -.400740669E-01 -.407120965E-01 -.412652656E-01  
-.417216623E-01 -.420667455E-01 -.422826131E-01 -.423470992E-01 -.422326913E-01  
-.419052759E-01 -.413227515E-01 -.404335957E-01 -.391755309E-01 -.374744971E-01  
-.352441749E-01 -.323862891E-01 -.287918193E-01 -.243431273E-01 -.189172909E-01  
-.123950174E-01 -.472506760E-02 .328275313E-02 .111698903E-01 .189102333E-01  
.264730741E-01 .338252012E-01 .409320174E-01 .477581900E-01 .542685104E-01  
.604291997E-01 .662096343E-01 .715843069E-01 .765347202E-01 .810508465E-01  
-.201725732E-02 -.292783775E-02 -.400796248E-02 -.524156887E-02 -.657907239E-02

-.798068745E-02 -.941688709E-02 -.108668801E-01 -.123165926E-01 -.137568239E-01  
-.151817800E-01 -.165879795E-01 -.179734631E-01 -.193372311E-01 -.206788443E-01  
-.219981406E-01 -.232950345E-01 -.245693728E-01 -.258208333E-01 -.270488510E-01  
-.282525666E-01 -.294307890E-01 -.305819677E-01 -.317041719E-01 -.327950702E-01  
-.338519105E-01 -.348714925E-01 -.358501308E-01 -.367836006E-01 -.376670594E-01  
-.384949369E-01 -.392607789E-01 -.399570356E-01 -.405747749E-01 -.411033039E-01  
-.415296773E-01 -.418380685E-01 -.420089845E-01 -.420183053E-01 -.418361441E-01  
-.414255450E-01 -.407410708E-01 -.397273842E-01 -.383179877E-01 -.364343421E-01  
-.339856122E-01 -.308692491E-01 -.269725295E-01 -.221752205E-01 -.163549644E-01  
-.940980727E-02 -.144788925E-02 .651375954E-02 .144018049E-01 .221733577E-01  
.297903177E-01 .372137048E-01 .444025973E-01 .513143548E-01 .579055942E-01  
.641338880E-01 .699601356E-01 .753513775E-01 .802836098E-01 .847439984E-01  
-.201398406E-02 -.292318330E-02 -.400175402E-02 -.523396577E-02 -.657023849E-02  
-.797076190E-02 -.940597405E-02 -.108550483E-01 -.123038788E-01 -.137432367E-01  
-.151673030E-01 -.165725728E-01 -.179570644E-01 -.193197549E-01 -.206601804E-01  
-.219781520E-01 -.232735538E-01 -.245461982E-01 -.257957229E-01 -.270215164E-01  
-.282226647E-01 -.293979117E-01 -.305456294E-01 -.316637936E-01 -.327499607E-01  
-.338012416E-01 -.348142689E-01 -.357851522E-01 -.367094138E-01 -.375818983E-01  
-.383966468E-01 -.391467213E-01 -.398239682E-01 -.404187017E-01 -.409192874E-01  
-.413116062E-01 -.415783731E-01 -.416982920E-01 -.416450330E-01 -.413860308E-01  
-.408811339E-01 -.400811699E-01 -.389265500E-01 -.373460942E-01 -.352563126E-01  
-.325613819E-01 -.291540095E-01 -.249172998E-01 -.197280280E-01 -.134651472E-01  
-.606052287E-02 .197200235E-02 .995766050E-02 .178854555E-01 .257217206E-01  
.334266920E-01 .409566843E-01 .482642213E-01 .552983850E-01 .620059422E-01  
.683335009E-01 .742307601E-01 .796546206E-01 .845735139E-01 .889709289E-01  
-.201018417E-02 -.291778057E-02 -.399454832E-02 -.522514369E-02 -.655999219E-02  
-.795925514E-02 -.939333013E-02 -.108413497E-01 -.122891708E-01 -.137275325E-01  
-.151505867E-01 -.165548021E-01 -.179381709E-01 -.192996440E-01 -.206387297E-01  
-.219552083E-01 -.232489299E-01 -.245196679E-01 -.257670151E-01 -.269903078E-01

-.281885704E-01 -.293604739E-01 -.305043036E-01 -.316179309E-01 -.326987860E-01  
-.337438266E-01 -.347494981E-01 -.357116802E-01 -.366256116E-01 -.374857862E-01  
-.382858087E-01 -.390181984E-01 -.396741241E-01 -.402430539E-01 -.407122977E-01  
-.410664208E-01 -.412865054E-01 -.413492414E-01 -.412258354E-01 -.408807467E-01  
-.402702873E-01 -.393411703E-01 -.380291447E-01 -.362579182E-01 -.339386045E-01  
-.309699313E-01 -.272393829E-01 -.226254611E-01 -.170021183E-01 -.102547162E-01  
-.240620176E-02 .558205145E-02 .135992761E-01 .215967818E-01 .295333193E-01  
.373652277E-01 .450439495E-01 .525150756E-01 .597182666E-01 .665882943E-01  
.730576039E-01 .790606873E-01 .845401377E-01 .894535055E-01 .937791880E-01  
-.200579516E-02 -.291154079E-02 -.398622708E-02 -.521495842E-02 -.654816728E-02  
-.794598244E-02 -.937875500E-02 -.108255705E-01 -.122722434E-01 -.137094757E-01  
-.151313863E-01 -.165344135E-01 -.179165203E-01 -.192766277E-01 -.206142124E-01  
-.219290206E-01 -.232208637E-01 -.244894718E-01 -.257343875E-01 -.269548887E-01  
-.281499314E-01 -.293181056E-01 -.304576001E-01 -.315661703E-01 -.326411065E-01  
-.336791962E-01 -.346766772E-01 -.356291737E-01 -.365316099E-01 -.373780897E-01  
-.381617337E-01 -.388744583E-01 -.395066799E-01 -.400469281E-01 -.404813419E-01  
-.407930301E-01 -.409612700E-01 -.409605304E-01 -.407593104E-01 -.403188107E-01  
-.395914891E-01 -.385195967E-01 -.370338527E-01 -.350524684E-01 -.324807571E-01  
-.292115536E-01 -.251266375E-01 -.200996612E-01 -.140040939E-01 -.675737696E-02  
.125262889E-02 .930630591E-02 .174013520E-01 .255066898E-01 .335834182E-01  
.415864339E-01 .494632055E-01 .571524085E-01 .645831917E-01 .716757506E-01  
.783440313E-01 .845013760E-01 .900694186E-01 .949892227E-01 .992316383E-01  
-.200074467E-02 -.290436105E-02 -.397665305E-02 -.520324263E-02 -.653457080E-02  
-.793072935E-02 -.936201613E-02 -.108074628E-01 -.122528354E-01 -.136887932E-01  
-.151094180E-01 -.165111134E-01 -.178918092E-01 -.192503928E-01 -.205863056E-01  
-.218992552E-01 -.231890102E-01 -.244552522E-01 -.256974681E-01 -.269148713E-01  
-.281063418E-01 -.292703804E-01 -.304050691E-01 -.315080359E-01 -.325764165E-01  
-.336068114E-01 -.345952293E-01 -.355370136E-01 -.364267418E-01 -.372580890E-01  
-.380236430E-01 -.387146567E-01 -.393207200E-01 -.398293312E-01 -.402253453E-01  
-.404902761E-01 -.406014297E-01 -.405308561E-01 -.402441170E-01 -.396988956E-01

-.388435115E-01 -.376154538E-01 -.359401038E-01 -.337298610E-01 -.308838980E-01  
-.272887458E-01 -.228199471E-01 -.173457578E-01 -.107402772E-01 -.298102573E-02  
.501410355E-02 .131336494E-01 .213355095E-01 .295849628E-01 .378437440E-01  
.460664498E-01 .541978419E-01 .621703053E-01 .699017998E-01 .772951699E-01  
.842402142E-01 .906203383E-01 .963253292E-01 .101269803E+00 .105412452E+00  
-.199494930E-02 -.289612266E-02 -.396566776E-02 -.518980290E-02 -.651897970E-02  
-.791324790E-02 -.934284464E-02 -.107867400E-01 -.122306447E-01 -.136651699E-01  
-.150843543E-01 -.164845630E-01 -.178636880E-01 -.192205791E-01 -.205546377E-01  
-.218655288E-01 -.231529732E-01 -.244165986E-01 -.256558304E-01 -.268698107E-01  
-.280573362E-01 -.292168093E-01 -.303461953E-01 -.314429820E-01 -.325041367E-01  
-.335260545E-01 -.345044941E-01 -.354344919E-01 -.363102469E-01 -.371249657E-01  
-.378706548E-01 -.385378438E-01 -.391152219E-01 -.395891661E-01 -.399431371E-01  
-.401569209E-01 -.402056949E-01 -.400589069E-01 -.396789740E-01 -.390198345E-01  
-.380254313E-01 -.366282534E-01 -.347481162E-01 -.322913889E-01 -.291508749E-01  
-.252065386E-01 -.203275931E-01 -.143794309E-01 -.726434223E-02 .705608221E-03  
.879794123E-02 .170246815E-01 .253666521E-01 .337964807E-01 .422800697E-01  
.507743043E-01 .592236354E-01 .675560323E-01 .756787731E-01 .834751195E-01  
.908039860E-01 .975061347E-01 .103421357E+00 .108419128E+00  
.112436459E+00  
-.198831335E-02 -.288668925E-02 -.395308885E-02 -.517441649E-02 -.650113687E-02  
-.789325221E-02 -.932093048E-02 -.107630718E-01 -.122053236E-01 -.136382423E-01  
-.150558185E-01 -.164543728E-01 -.178317551E-01 -.191867727E-01 -.205187828E-01  
-.218274022E-01 -.231122989E-01 -.243730410E-01 -.256089862E-01 -.268191980E-01  
-.280023820E-01 -.291568329E-01 -.302803887E-01 -.313703846E-01 -.324236038E-01  
-.334362190E-01 -.344037167E-01 -.353208002E-01 -.361812576E-01 -.369777880E-01  
-.377017683E-01 -.383429459E-01 -.388890375E-01 -.393252113E-01 -.396334286E-01  
-.397916237E-01 -.397727003E-01 -.395433404E-01 -.390626370E-01 -.382805966E-01  
-.371366031E-01 -.355579815E-01 -.334588487E-01 -.307394480E-01 -.272861396E-01  
-.229721974E-01 -.176600016E-01 -.112098263E-01 -.355280055E-02 .441887665E-02  
.125960130E-01 .209486986E-01 .294573317E-01 .381003100E-01 .468498884E-01  
.556685085E-01 .645041574E-01 .732843451E-01 .819086955E-01 .902409104E-01

.981025826E-01 .105274597E+00 .111516405E+00 .116615283E+00  
.120464400E+00  
-.198072745E-02 -.287590473E-02 -.393870720E-02 -.515682763E-02 -.648074683E-02  
-.787041346E-02 -.929591698E-02 -.107360778E-01 -.121764719E-01 -.136075932E-01  
-.150233775E-01 -.164200958E-01 -.177955502E-01 -.191485003E-01 -.204782535E-01  
-.217843733E-01 -.230664691E-01 -.243240432E-01 -.255563785E-01 -.267624528E-01  
-.279408718E-01 -.290898133E-01 -.302069764E-01 -.312895308E-01 -.323340607E-01  
-.333364975E-01 -.342920343E-01 -.351950141E-01 -.360387828E-01 -.368154927E-01  
-.375158438E-01 -.381287439E-01 -.386408682E-01 -.390360931E-01 -.392947834E-01  
-.393929078E-01 -.393009686E-01 -.389827420E-01 -.383938521E-01 -.374802342E-01  
-.361765927E-01 -.344050051E-01 -.320738609E-01 -.290773278E-01 -.252955336E-01  
-.205959107E-01 -.148385707E-01 -.790888868E-02 -.817456937E-05 .807650577E-02  
.163690964E-01 .248676008E-01 .335643988E-01 .424477492E-01 .514998161E-01  
.606930628E-01 .699847838E-01 .793090946E-01 .885655558E-01 .976039683E-01  
.106206669E+00 .114075051E+00 .120839146E+00 .126127098E+00  
.129729247E+00  
-.197206711E-02 -.286359109E-02 -.392228384E-02 -.513674346E-02 -.645747077E-02  
-.784435425E-02 -.926739444E-02 -.107053215E-01 -.121436300E-01 -.135727432E-01  
-.149865352E-01 -.163812202E-01 -.177545468E-01 -.191052206E-01 -.204324937E-01  
-.217358699E-01 -.230148935E-01 -.242689944E-01 -.254973734E-01 -.266989144E-01  
-.278721143E-01 -.290150237E-01 -.301251913E-01 -.311996080E-01 -.322346432E-01  
-.332259684E-01 -.341684609E-01 -.350560775E-01 -.358816895E-01 -.366368640E-01  
-.373115784E-01 -.378938459E-01 -.383692342E-01 -.387202517E-01 -.389255776E-01  
-.389591159E-01 -.387888591E-01 -.383755667E-01 -.376712881E-01 -.366177994E-01  
-.351450712E-01 -.331699289E-01 -.305950943E-01 -.273087942E-01 -.231851203E-01  
-.180857279E-01 -.118674453E-01 -.444243431E-02 .350359267E-02 .116781639E-01  
.200892068E-01 .287420297E-01 .376394123E-01 .467813703E-01 .561634635E-01  
.657734563E-01 .755856762E-01 .855517948E-01 .955859068E-01 .105540787E+00  
.115171982E+00 .124090821E+00 .131728115E+00 .137390187E+00  
.140584577E+00  
-.196219126E-02 -.284954625E-02 -.390354661E-02 -.511382971E-02 -.643092110E-02  
-.781464211E-02 -.923489296E-02 -.106703016E-01 -.121062706E-01 -.135331432E-01

-.149447230E-01 -.163371604E-01 -.177081431E-01 -.190563163E-01 -.203808695E-01  
-.216812403E-01 -.229569008E-01 -.242072007E-01 -.254312508E-01 -.266278323E-01  
-.277953239E-01 -.289316381E-01 -.300341613E-01 -.310996914E-01 -.321243668E-01  
-.331035803E-01 -.340318710E-01 -.349027827E-01 -.357086805E-01 -.364405093E-01  
-.370874787E-01 -.376366553E-01 -.380724385E-01 -.383758987E-01 -.385239520E-01  
-.384883540E-01 -.382345027E-01 -.377200619E-01 -.368934441E-01 -.356922343E-01  
-.340416821E-01 -.318534319E-01 -.290246865E-01 -.254380191E-01 -.209622621E-01  
-.154566341E-01 -.879423575E-02 -.106009133E-02 .693920116E-02 .151972227E-01  
.237229624E-01 .325288938E-01 .416283849E-01 .510348383E-01 .607604506E-01  
.708137605E-01 .811950695E-01 .918880698E-01 .102844399E+00 .113954562E+00  
.124992577E+00 .135513762E+00 .144691712E+00 .151186181E+00  
.153599699E+00  
-.195094090E-02 -.283354186E-02 -.388218696E-02 -.508770602E-02 -.640065540E-02  
-.778078216E-02 -.919787392E-02 -.106304434E-01 -.120637892E-01 -.134881636E-01  
-.148972904E-01 -.162872473E-01 -.176556529E-01 -.190010841E-01 -.203226602E-01  
-.216197446E-01 -.228917290E-01 -.241378748E-01 -.253571940E-01 -.265483556E-01  
-.277096097E-01 -.288387194E-01 -.299328959E-01 -.309887295E-01 -.320021109E-01  
-.329681349E-01 -.338809794E-01 -.347337487E-01 -.355182707E-01 -.362248308E-01  
-.368418288E-01 -.373553347E-01 -.377485243E-01 -.380009683E-01 -.380877542E-01  
-.379784238E-01 -.376357216E-01 -.370141724E-01 -.360585368E-01 -.347022353E-01  
-.328658778E-01 -.304560687E-01 -.273646850E-01 -.234688750E-01 -.186324866E-01  
-.127132332E-01 -.561289990E-02 .220869531E-02 .102697585E-01 .186042738E-01  
.272343910E-01 .361823711E-01 .454730299E-01 .551343807E-01 .651976596E-01  
.756966552E-01 .866658119E-01 .981359059E-01 .110124484E+00 .122613802E+00  
.135496115E+00 .148429412E+00 .160455933E+00 .169128729E+00  
.169752068E+00  
-.193813785E-02 -.281532161E-02 -.385785698E-02 -.505794136E-02 -.636616991E-02  
-.774220879E-02 -.915572032E-02 -.105850879E-01 -.120154925E-01 -.134370834E-01  
-.148434932E-01 -.162307167E-01 -.175962938E-01 -.189387239E-01 -.202570469E-01  
-.215505430E-01 -.228185146E-01 -.240601255E-01 -.252742788E-01 -.264595213E-01  
-.276139631E-01 -.287352059E-01 -.298202719E-01 -.308655288E-01 -.318666019E-01

-.328182680E-01 -.337143207E-01 -.345473981E-01 -.353087594E-01 -.359879952E-01  
-.365726541E-01 -.370477643E-01 -.373952271E-01 -.375930611E-01 -.376144729E-01  
-.374267445E-01 -.369899357E-01 -.362554272E-01 -.351643626E-01 -.336460888E-01  
-.316167325E-01 -.289780849E-01 -.256169962E-01 -.214056545E-01 -.162042969E-01  
-.987652883E-02 -.240962210E-02 .539104344E-02 .134818486E-01 .218731116E-01  
.305880656E-01 .396563233E-01 .491135379E-01 .590023460E-01 .693737215E-01  
.802886065E-01 .918198650E-01 .104054765E+00 .117098425E+00  
.131078591E+00  
.146147573E+00 .162441233E+00 .179728595E+00 .195189196E+00  
.190664324E+00  
-.192358395E-02 -.279460019E-02 -.383016750E-02 -.502404981E-02 -.632689236E-02  
-.769827587E-02 -.910772511E-02 -.105334791E-01 -.119605857E-01 -.133790768E-01  
-.147824808E-01 -.161666970E-01 -.175291752E-01 -.188683264E-01 -.201831007E-01  
-.214726847E-01 -.227362811E-01 -.239729453E-01 -.251814611E-01 -.263602414E-01  
-.275072445E-01 -.286198971E-01 -.296950183E-01 -.307287367E-01 -.317163943E-01  
-.326524286E-01 -.335302256E-01 -.343419296E-01 -.350782005E-01 -.357278987E-01  
-.362776828E-01 -.367114961E-01 -.370099217E-01 -.371493816E-01 -.371011637E-01  
-.368302643E-01 -.362940559E-01 -.354408091E-01 -.342081382E-01 -.325214734E-01  
-.302926988E-01 -.274191201E-01 -.237829768E-01 -.192521431E-01 -.136858209E-01  
-.697429045E-02 .609890393E-03 .843636633E-02 .165492833E-01 .249769605E-01  
.337504140E-01 .429070378E-01 .524924704E-01 .625627199E-01 .731869903E-01  
.844515660E-01 .964654205E-01 .109369070E+00 .123350698E+00  
.138681886E+00  
.155815998E+00 .175714163E+00 .201072793E+00 .241315671E+00  
.215066318E+00  
-.190706062E-02 -.277106380E-02 -.379868863E-02 -.498548749E-02 -.628217413E-02  
-.764824513E-02 -.905307715E-02 -.104747485E-01 -.118981564E-01 -.133131978E-01  
-.147132806E-01 -.160941941E-01 -.174532841E-01 -.187888601E-01 -.200997700E-01  
-.213850947E-01 -.226439255E-01 -.238751976E-01 -.250775634E-01 -.262492893E-01  
-.273881682E-01 -.284914381E-01 -.295556990E-01 -.305768234E-01 -.315498502E-01  
-.324688565E-01 -.333267955E-01 -.341152903E-01 -.348243699E-01 -.354421303E-01  
-.359543022E-01 -.363437053E-01 -.365895646E-01 -.366666713E-01 -.365443696E-01



-.361853649E-01 -.355443677E-01 -.345666114E-01 -.331863194E-01 -.313252295E-01  
-.288913160E-01 -.257778644E-01 -.218631217E-01 -.170112925E-01 -.110802986E-01  
-.398808495E-02 .353850699E-02 .113488242E-01 .194583137E-01 .278946156E-01  
.366929073E-01 .458966002E-01 .555593251E-01 .657478003E-01 .765457861E-01  
.880595767E-01 .100425778E+00 .113822586E+00 .128486442E+00  
.144736312E+00  
.163005698E+00 .183870034E+00 .208023083E+00 .236187345E+00  
.219662594E+00  
-.188832843E-02 -.274437322E-02 -.376295658E-02 -.494165161E-02 -.623128078E-02  
-.759127114E-02 -.899084361E-02 -.104078973E-01 -.118271567E-01 -.132383624E-01  
-.146347818E-01 -.160120758E-01 -.173674697E-01 -.186991557E-01 -.200058652E-01  
-.212865595E-01 -.225402047E-01 -.237656026E-01 -.249612603E-01 -.261252841E-01  
-.272552872E-01 -.283483026E-01 -.294006948E-01 -.304080613E-01 -.313651178E-01  
-.322655574E-01 -.331018752E-01 -.338651441E-01 -.345447307E-01 -.351279318E-01  
-.355995142E-01 -.359411367E-01 -.361306330E-01 -.361411369E-01 -.359400369E-01  
-.354877609E-01 -.347364096E-01 -.336282873E-01 -.320944096E-01 -.300531057E-01  
-.274088592E-01 -.240516041E-01 -.198570188E-01 -.146904600E-01 -.843204753E-02  
-.117355854E-02 .633407294E-02 .141154974E-01 .221969363E-01 .306101739E-01  
.393939695E-01 .485958998E-01 .582748869E-01 .685046186E-01 .793781998E-01  
.910145288E-01 .103567066E+00 .117235737E+00 .132281933E+00  
.149041350E+00  
.167901969E+00 .189078779E+00 .211353205E+00 .225699245E+00  
.216003856E+00  
-.186712398E-02 -.271416941E-02 -.372249805E-02 -.489188217E-02 -.617337772E-02  
-.752638032E-02 -.891994725E-02 -.103317733E-01 -.117463816E-01 -.131533284E-01  
-.145457157E-01 -.159190535E-01 -.172704263E-01 -.185978907E-01 -.199000442E-01  
-.211757124E-01 -.224237206E-01 -.236427220E-01 -.248310635E-01 -.259866755E-01  
-.271069753E-01 -.281887744E-01 -.292281831E-01 -.302205040E-01 -.311601071E-01  
-.320402772E-01 -.328530237E-01 -.335888396E-01 -.342363962E-01 -.347821562E-01  
-.352098866E-01 -.355000511E-01 -.356290622E-01 -.355683773E-01 -.352834294E-01  
-.347323990E-01 -.338648522E-01 -.326203018E-01 -.309267761E-01 -.286995150E-01  
-.258399442E-01 -.222351899E-01 -.177590101E-01 -.122791444E-01 -.570865995E-02  
.153979994E-02 .900605048E-02 .167349948E-01 .247596819E-01 .331147190E-01  
.418407190E-01 .509870416E-01 .606146671E-01 .707998453E-01 .816389706E-01

.932552026E-01 .105807524E+00 .119503331E+00 .134617052E+00  
.151523931E+00  
.170790530E+00 .193519615E+00 .222885433E+00 .239286821E+00  
.216297300E+00  
-.184314413E-02 -.268007441E-02 -.367691265E-02 -.483545757E-02 -.610750156E-02  
-.745243948E-02 -.883913706E-02 -.102450447E-01 -.116544444E-01 -.130566730E-01  
-.144446352E-01 -.158136630E-01 -.171606754E-01 -.184835716E-01 -.197807950E-01  
-.210510166E-01 -.222929034E-01 -.235049428E-01 -.246853042E-01 -.258317253E-01  
-.269414097E-01 -.280109286E-01 -.290361179E-01 -.300119633E-01 -.309324652E-01  
-.317904738E-01 -.325774834E-01 -.332833751E-01 -.338960908E-01 -.344012233E-01  
-.347815039E-01 -.350161680E-01 -.350801808E-01 -.349433103E-01 -.345690440E-01  
-.339133589E-01 -.329233816E-01 -.315359964E-01 -.296764962E-01 -.272573956E-01  
-.241775769E-01 -.203221351E-01 -.155644421E-01 -.977979365E-02 -.294728680E-02  
.418282713E-02 .115646167E-01 .192105357E-01 .271469124E-01 .354067697E-01  
.440299349E-01 .530648225E-01 .625710147E-01 .726227001E-01 .833132767E-01  
.947615475E-01 .107120019E+00 .120585742E+00 .135413573E+00  
.151929865E+00  
.170540176E+00 .191719009E+00 .215993076E+00 .227514023E+00  
.211115314E+00  
-.181600425E-02 -.264163064E-02 -.362594101E-02 -.477151562E-02 -.603249531E-02  
-.736810998E-02 -.874695287E-02 -.101461698E-01 -.115497505E-01 -.129467681E-01  
-.143298923E-01 -.156942435E-01 -.170365460E-01 -.183545158E-01 -.196464184E-01  
-.209107488E-01 -.221459955E-01 -.233504603E-01 -.245221166E-01 -.256584902E-01  
-.267565514E-01 -.278126102E-01 -.288222064E-01 -.297799847E-01 -.306795498E-01  
-.315132879E-01 -.322721472E-01 -.329453626E-01 -.335201100E-01 -.339810751E-01  
-.343099168E-01 -.344846095E-01 -.344786470E-01 -.342601002E-01 -.337905279E-01  
-.330237601E-01 -.319045926E-01 -.303674632E-01 -.283352057E-01 -.257180148E-01  
-.224128538E-01 -.183040360E-01 -.132687610E-01 -.721266848E-02 -.340736484E-03  
.671960570E-02 .140066904E-01 .215457545E-01 .293637627E-01 .374921439E-01  
.459682657E-01 .548371579E-01 .641537487E-01 .739858034E-01 .844178433E-01  
.955564321E-01 .107537304E+00 .120534610E+00 .134770814E+00  
.150516662E+00  
.168027868E+00 .187168064E+00 .205558126E+00 .209850876E+00  
.201762306E+00  
-.178520124E-02 -.259804046E-02 -.356817630E-02 -.469873380E-02 -.594690758E-02

-.727179917E-02 -.864169075E-02 -.100333671E-01 -.114304695E-01 -.128217555E-01  
-.141996145E-01 -.155589158E-01 -.168961546E-01 -.182088324E-01 -.194950099E-01  
-.207529812E-01 -.219810330E-01 -.231772602E-01 -.243394190E-01 -.254648018E-01  
-.265501243E-01 -.275914128E-01 -.285838862E-01 -.295218223E-01 -.303984007E-01  
-.312055125E-01 -.319335251E-01 -.325709901E-01 -.331042788E-01 -.335171296E-01  
-.337900910E-01 -.338998430E-01 -.338183858E-01 -.335120880E-01 -.329406032E-01  
-.320556773E-01 -.307998946E-01 -.291054391E-01 -.268929740E-01 -.240707954E-01  
-.205345676E-01 -.161687721E-01 -.108561864E-01 -.454188353E-02 .221987757E-02  
.917342047E-02 .163424416E-01 .237499945E-01 .314209789E-01 .393838251E-01  
.476718120E-01 .563244727E-01 .653893021E-01 .749239313E-01 .849989915E-01  
.957020365E-01 .107143250E+00 .119464582E+00 .132856764E+00  
.147598352E+00  
.164168964E+00 .183652031E+00 .209390031E+00 .204541095E+00  
.193277209E+00  
-.175013247E-02 -.254840405E-02 -.350234397E-02 -.461560676E-02 -.584904138E-02  
-.716165322E-02 -.852138076E-02 -.990458959E-02 -.112945089E-01 -.126795209E-01  
-.140516812E-01 -.154055608E-01 -.167373843E-01 -.180444032E-01 -.193244413E-01  
-.205755634E-01 -.217958286E-01 -.229831005E-01 -.241348945E-01 -.252482469E-01  
-.263195946E-01 -.273446553E-01 -.283183003E-01 -.292344111E-01 -.300857108E-01  
-.308635604E-01 -.315577088E-01 -.321559838E-01 -.326439094E-01 -.330042343E-01  
-.332163559E-01 -.332556261E-01 -.330925284E-01 -.326917268E-01 -.320109962E-01  
-.310000671E-01 -.295994368E-01 -.277392325E-01 -.253382490E-01 -.223033805E-01  
-.185300641E-01 -.139064465E-01 -.833716125E-02 -.190327586E-02 .472896499E-02  
.115532823E-01 .185828661E-01 .258360847E-01 .333341175E-01 .411011320E-01  
.491649875E-01 .575581105E-01 .663185123E-01 .754909865E-01 .851285571E-01  
.952943344E-01 .106064190E+00 .117531425E+00 .129816967E+00  
.143096052E+00  
.157675394E+00 .174224198E+00 .194447685E+00 .191255063E+00  
.183170809E+00  
-.171011992E-02 -.249174000E-02 -.342711387E-02 -.452046361E-02 -.573696614E-02  
-.703554943E-02 -.838376757E-02 -.975749944E-02 -.111394879E-01 -.125176690E-01  
-.138836998E-01 -.152317965E-01 -.165578647E-01 -.178588630E-01 -.191323419E-01  
-.203761042E-01 -.215879524E-01 -.227654920E-01 -.239059718E-01 -.250061465E-01

-.260621481E-01 -.270693582E-01 -.280222711E-01 -.289143399E-01 -.297377960E-01  
-.304834318E-01 -.311403359E-01 -.316955680E-01 -.321337584E-01 -.324366200E-01  
-.325823556E-01 -.325449525E-01 -.322933552E-01 -.317905211E-01 -.309923765E-01  
-.298467082E-01 -.282920534E-01 -.262566786E-01 -.236577993E-01 -.204013674E-01  
-.163835509E-01 -.114994225E-01 -.569383289E-02 .673382705E-03 .718358512E-02  
.138667107E-01 .207399744E-01 .278194891E-01 .351225725E-01 .426684678E-01  
.504787931E-01 .585779160E-01 .669932487E-01 .757553976E-01 .848980425E-01  
.944573258E-01 .104470340E+00 .114971842E+00 .125986862E+00  
.137511500E+00  
.149452198E+00 .161400710E+00 .171723787E+00 .173748723E+00  
.171472931E+00  
-.166441314E-02 -.242697533E-02 -.334104228E-02 -.441145154E-02 -.560850974E-02  
-.689108227E-02 -.822628942E-02 -.958944343E-02 -.109627119E-01 -.123334980E-01  
-.136929823E-01 -.150349579E-01 -.163549523E-01 -.176495819E-01 -.189160811E-01  
-.201519542E-01 -.213547147E-01 -.225216800E-01 -.236498048E-01 -.247355341E-01  
-.257746667E-01 -.267622182E-01 -.276922733E-01 -.285578214E-01 -.293505631E-01  
-.300606796E-01 -.306765534E-01 -.311844266E-01 -.315679852E-01 -.318078555E-01  
-.318809994E-01 -.317600010E-01 -.314122421E-01 -.307989731E-01 -.298743035E-01  
-.285841537E-01 -.268652347E-01 -.246441620E-01 -.218369038E-01 -.183491133E-01  
-.140795321E-01 -.893783586E-02 -.295184329E-02 .324149077E-02 .960019938E-02  
.161258527E-01 .228279082E-01 .297179011E-01 .368085807E-01 .441138403E-01  
.516487114E-01 .594292415E-01 .674721290E-01 .757939465E-01 .844096656E-01  
.933299768E-01 .102556447E+00 .112072559E+00 .121826327E+00  
.131694513E+00  
.141405252E+00 .150371653E+00 .157390325E+00 .160541264E+00  
.160712860E+00  
-.161218242E-02 -.235293491E-02 -.324255370E-02 -.428652778E-02 -.546125102E-02  
-.672554877E-02 -.804605657E-02 -.939742761E-02 -.107611463E-01 -.121239762E-01  
-.134765245E-01 -.148120772E-01 -.161257136E-01 -.174136489E-01 -.186727526E-01  
-.199001894E-01 -.210931479E-01 -.222486257E-01 -.233632526E-01 -.244331342E-01  
-.254537055E-01 -.264195830E-01 -.273244067E-01 -.281606628E-01 -.289194781E-01  
-.295903759E-01 -.301609808E-01 -.306166635E-01 -.309401098E-01 -.311108042E-01  
-.311044171E-01 -.308920885E-01 -.304396130E-01 -.297065342E-01 -.286451813E-01

-.271996929E-01 -.253051056E-01 -.228866368E-01 -.198594687E-01 -.161301196E-01  
-.116044938E-01 -.623198130E-02 -.287335348E-03 .577526380E-02 .119816267E-01  
.183411503E-01 .248614373E-01 .315503302E-01 .384160917E-01 .454672797E-01  
.527124703E-01 .601597577E-01 .678158965E-01 .756848743E-01 .837655740E-01  
.920479589E-01 .100506808E+00 .109091288E+00 .117707366E+00  
.126188189E+00  
.134246546E+00 .141411620E+00 .147000606E+00 .150337619E+00  
.151621757E+00  
-.155250619E-02 -.226833315E-02 -.312994479E-02 -.414347769E-02 -.529252755E-02  
-.653593966E-02 -.783983124E-02 -.917809321E-02 -.105313934E-01 -.118857211E-01  
-.132309878E-01 -.145598694E-01 -.158669113E-01 -.171478588E-01 -.183991609E-01  
-.196175968E-01 -.207999914E-01 -.219429880E-01 -.230428593E-01 -.240953399E-01  
-.250954676E-01 -.260374245E-01 -.269143667E-01 -.277182346E-01 -.284395338E-01  
-.290670767E-01 -.295876740E-01 -.299857650E-01 -.302429736E-01 -.303375829E-01  
-.302439167E-01 -.299316278E-01 -.293648982E-01 -.285015669E-01 -.272922241E-01  
-.256793244E-01 -.235964163E-01 -.209676657E-01 -.177081785E-01 -.137271243E-01  
-.894360395E-02 -.337522242E-02 .238724447E-02 .829335732E-02 .143383943E-01  
.205247559E-01 .268561318E-01 .333364900E-01 .399697307E-01 .467593505E-01  
.537079581E-01 .608165299E-01 .680832635E-01 .755018289E-01 .830587166E-01  
.907292337E-01 .984714805E-01 .106217371E+00 .113859576E+00  
.121233758E+00  
.128098418E+00 .134124453E+00 .138929578E+00 .142220880E+00  
.144039155E+00  
-.148434607E-02 -.217176138E-02 -.300141059E-02 -.397999236E-02 -.509947406E-02  
-.631893963E-02 -.760401004E-02 -.892769533E-02 -.102696741E-01 -.116149856E-01  
-.129526903E-01 -.142747246E-01 -.155749979E-01 -.168487054E-01 -.180918125E-01  
-.193006630E-01 -.204716769E-01 -.216011069E-01 -.226848350E-01 -.237181906E-01  
-.246957796E-01 -.256113114E-01 -.264574158E-01 -.272254401E-01 -.279052161E-01  
-.284847880E-01 -.289500899E-01 -.292845632E-01 -.294687030E-01 -.294795252E-01  
-.292899487E-01 -.288680935E-01 -.281765038E-01 -.271713195E-01 -.258014403E-01  
-.240077545E-01 -.217225737E-01 -.188695965E-01 -.153654979E-01 -.111281306E-01  
-.611874069E-02 -.589103364E-03 .504259244E-02 .107972931E-01 .166789178E-01  
.226887902E-01 .288277103E-01 .350961169E-01 .414938750E-01 .480198891E-01  
.546715208E-01 .614437344E-01 .683278570E-01 .753097961E-01 .823675077E-01

.894674453E-01 .965596818E-01 .103571450E+00 .110399188E+00  
.116900273E+00  
.122888235E+00 .128140382E+00 .132432890E+00 .135614798E+00  
.137689024E+00  
-.140649338E-02 -.206164878E-02 -.285508687E-02 -.379390653E-02 -.487909947E-02  
-.607092766E-02 -.733460600E-02 -.864208794E-02 -.997182021E-02 -.113076573E-01  
-.126376087E-01 -.139527123E-01 -.152461188E-01 -.165123815E-01 -.177469128E-01  
-.189455678E-01 -.201043181E-01 -.212189889E-01 -.222850364E-01 -.232973504E-01  
-.242500671E-01 -.251363821E-01 -.259483535E-01 -.266766836E-01 -.273104728E-01  
-.278369331E-01 -.282410530E-01 -.285052036E-01 -.286086771E-01 -.285271515E-01  
-.282320784E-01 -.276899982E-01 -.268617951E-01 -.257019226E-01 -.241576516E-01  
-.221684504E-01 -.196657325E-01 -.165736251E-01 -.128130533E-01 -.831968715E-02  
-.313680783E-02 .221655595E-02 .769634099E-02 .132957844E-01 .190127981E-01  
.248455225E-01 .307916960E-01 .368484309E-01 .430119297E-01 .492770650E-01  
.556367718E-01 .620811926E-01 .685964923E-01 .751632435E-01 .817542687E-01  
.883318354E-01 .948441594E-01 .101221357E+00 .107371417E+00  
.113177642E+00  
.118500473E+00 .123188373E+00 .127102669E+00 .130155106E+00  
.132339574E+00  
-.131746604E-02 -.193613819E-02 -.268901459E-02 -.358395956E-02 -.462832198E-02  
-.578793422E-02 -.702722649E-02 -.831672510E-02 -.963329059E-02 -.109592816E-01  
-.122814042E-01 -.135896039E-01 -.148761304E-01 -.161347914E-01 -.173603719E-01  
-.185481824E-01 -.196937031E-01 -.207922939E-01 -.218389502E-01 -.228280860E-01  
-.237533289E-01 -.246073172E-01 -.253814869E-01 -.260658396E-01 -.266486808E-01  
-.271163205E-01 -.274527255E-01 -.276391169E-01 -.276535032E-01 -.274701478E-01  
-.270589697E-01 -.263848839E-01 -.254071009E-01 -.240784190E-01 -.223445795E-01  
-.201438520E-01 -.174073208E-01 -.140614592E-01 -.100391835E-01 -.532788922E-02  
-.208013960E-03 .501381727E-02 .103485614E-01 .157948459E-01 .213490774E-01  
.270068445E-01 .327630408E-01 .386117228E-01 .445458340E-01 .505567958E-01  
.566339346E-01 .627637029E-01 .689286447E-01 .751060535E-01 .812662870E-01  
.873707433E-01 .933695992E-01 .991996007E-01 .104782531E+00 .110025496E+00  
.114824772E+00 .119075241E+00 .122686382E+00 .125601948E+00  
.127814316E+00  
-.121535683E-02 -.179277229E-02 -.250038297E-02 -.334742756E-02 -.434329444E-02  
-.546548393E-02 -.667707239E-02 -.794670966E-02 -.924923504E-02 -.105651272E-01

-.118794817E-01 -.131809235E-01 -.144606389E-01 -.157115778E-01 -.169278201E-01  
-.181040763E-01 -.192352920E-01 -.203163254E-01 -.213416764E-01 -.223052462E-01  
-.232001131E-01 -.240183113E-01 -.247506015E-01 -.253862230E-01 -.259126176E-01  
-.263151166E-01 -.265765823E-01 -.266769981E-01 -.265930012E-01 -.262973581E-01  
-.257583864E-01 -.249393351E-01 -.237977453E-01 -.222848388E-01 -.203450268E-01  
-.179158086E-01 -.149289741E-01 -.113168072E-01 -.704019962E-02 -.222549893E-02  
.273400280E-02 .781317580E-02 .130041922E-01 .183008025E-01 .236964770E-01  
.291841191E-01 .347559100E-01 .404031127E-01 .461158027E-01 .518824964E-01  
.576896537E-01 .635210218E-01 .693567977E-01 .751725922E-01 .809382074E-01  
.866162908E-01 .921610198E-01 .975171127E-01 .102619675E+00 .107395625E+00  
.111767605E+00 .115661091E+00 .119014451E+00 .121789754E+00  
.123980020E+00  
-.109765626E-02 -.162822035E-02 -.228506976E-02 -.307880015E-02 -.401938389E-02  
-.509876547E-02 -.627911447E-02 -.752695753E-02 -.881464407E-02 -.101203176E-01  
-.114271001E-01 -.127220347E-01 -.139950661E-01 -.152381685E-01 -.164446381E-01  
-.176085319E-01 -.187242202E-01 -.197860248E-01 -.207879154E-01 -.217232428E-01  
-.225844933E-01 -.233630474E-01 -.240489329E-01 -.246305608E-01 -.250944341E-01  
-.254248224E-01 -.256033931E-01 -.256087973E-01 -.254162054E-01 -.249967986E-01  
-.243172234E-01 -.233390298E-01 -.220181293E-01 -.203043463E-01 -.181412300E-01  
-.154666341E-01 -.122159149E-01 -.833567446E-02 -.384638961E-02 .843428734E-03  
.566815218E-02 .106125809E-01 .156660516E-01 .208193191E-01 .260632036E-01  
.313880742E-01 .367835861E-01 .422384681E-01 .477402803E-01 .532751094E-01  
.588271708E-01 .643783010E-01 .699073292E-01 .753893327E-01 .807948143E-01  
.86088817E-01 .912305827E-01 .961726437E-01 .100861964E+00 .105241310E+00  
.109252617E+00 .112842056E+00 .115966386E+00 .118599167E+00  
.120734742E+00  
-.961032169E-03 -.143811178E-02 -.203807974E-02 -.277316790E-02 -.365307319E-02  
-.468338474E-02 -.582851993E-02 -.705252385E-02 -.832462177E-02 -.962005667E-02  
-.109195529E-01 -.122082798E-01 -.134747512E-01 -.147098462E-01 -.159060019E-01  
-.170565705E-01 -.181553093E-01 -.191959699E-01 -.201719571E-01 -.210760333E-01  
-.219000472E-01 -.226346726E-01 -.232691425E-01 -.237909683E-01 -.241856341E-01  
-.244362582E-01 -.245232164E-01 -.244237257E-01 -.241113884E-01 -.235557070E-01  
-.227215873E-01 -.215688638E-01 -.200519159E-01 -.181195331E-01 -.157154453E-01

-.127808607E-01 -.926419173E-02 -.516114044E-02 -.696917203E-03 .388583190E-02  
.859139840E-02 .134118678E-01 .183369415E-01 .233557617E-01 .284570223E-01  
.336288190E-01 .388584901E-01 .441324608E-01 .494360688E-01 .547533482E-01  
.600667517E-01 .653567998E-01 .706016531E-01 .757766245E-01 .808536726E-01  
.858009572E-01 .905825834E-01 .951587204E-01 .994863227E-01 .103520694E+00  
.107218058E+00 .110539076E+00 .113452901E+00 .115940901E+00  
.117998968E+00  
-.800999559E-03 -.121648118E-02 -.175279525E-02 -.242500946E-02 -.324374277E-02  
-.421587316E-02 -.532115860E-02 -.651910203E-02 -.777482178E-02 -.905998248E-02  
-.103524393E-01 -.116351796E-01 -.128950938E-01 -.141218481E-01 -.153069474E-01  
-.164429911E-01 -.175230862E-01 -.185403800E-01 -.194876769E-01 -.203571092E-01  
-.211398398E-01 -.218257787E-01 -.224032976E-01 -.228589324E-01 -.231770625E-01  
-.233395609E-01 -.233254105E-01 -.231102883E-01 -.226661239E-01 -.219606491E-01  
-.209569714E-01 -.196132319E-01 -.178824885E-01 -.157131924E-01 -.130513560E-01  
-.984812331E-02 -.608736547E-02 -.189968600E-02 .243948637E-02 .691122131E-02  
.115058362E-01 .162127245E-01 .210201098E-01 .259154146E-01 .308853591E-01  
.359159249E-01 .409922856E-01 .460987313E-01 .512185837E-01 .563340884E-01  
.614262691E-01 .664747332E-01 .714574310E-01 .763503805E-01 .811273993E-01  
.857599087E-01 .902169097E-01 .944652589E-01 .984703885E-01 .102197591E+00  
.105613920E+00 .108690597E+00 .111405618E+00 .113746046E+00  
.115709404E+00  
-.611452221E-03 -.954759272E-03 -.141925985E-02 -.202476602E-02 -.278169211E-02  
-.369271129E-02 -.475429590E-02 -.592383731E-02 -.716213212E-02 -.843669431E-02  
-.972205327E-02 -.109987118E-01 -.122517478E-01 -.134694972E-01 -.146424583E-01  
-.157624259E-01 -.168218155E-01 -.178131321E-01 -.187285389E-01 -.195594922E-01  
-.202964157E-01 -.209283930E-01 -.214428636E-01 -.218253073E-01 -.220589098E-01  
-.221242023E-01 -.219986732E-01 -.216563561E-01 -.210674105E-01 -.201977245E-01  
-.190085984E-01 -.174566264E-01 -.154940735E-01 -.130706371E-01 -.101395570E-01  
-.667877672E-02 -.276875028E-02 .131204226E-02 .554603270E-02 .991700595E-02  
.144115945E-01 .190167388E-01 .237188117E-01 .285034180E-01 .333553415E-01  
.382585197E-01 .431960353E-01 .481501253E-01 .531021994E-01 .580328541E-01  
.629218684E-01 .677481667E-01 .724897469E-01 .771235814E-01 .816255204E-01  
.859702485E-01 .901313670E-01 .940816913E-01 .977938521E-01 .101241264E+00  
.104399463E+00 .107247720E+00 .109770715E+00 .111959955E+00  
.113814634E+00  
-.384110710E-03 -.640370436E-03 -.102232173E-02 -.155939681E-02 -.225931512E-02



-.311804634E-02 -.412923544E-02 -.526681996E-02 -.648572283E-02 -.774850365E-02  
-.902591143E-02 -.102956768E-01 -.115408732E-01 -.127483754E-01 -.139075834E-01  
-.150094192E-01 -.160455522E-01 -.170077947E-01 -.178876183E-01 -.186757485E-01  
-.193618087E-01 -.199339882E-01 -.203787172E-01 -.206803358E-01 -.208207464E-01  
-.207790452E-01 -.205311322E-01 -.200493112E-01 -.193019057E-01 -.182529507E-01  
-.168620795E-01 -.150848579E-01 -.128742498E-01 -.101854529E-01 -.699234854E-02  
-.334836797E-02 .476800140E-03 .446980828E-02 .861590092E-02 .129001633E-01  
.173081436E-01 .218252234E-01 .264361301E-01 .311247065E-01 .358738267E-01  
.406653928E-01 .454803888E-01 .502989813E-01 .551006544E-01 .598643618E-01  
.645686750E-01 .691919075E-01 .737122020E-01 .781075785E-01 .823559590E-01  
.864352052E-01 .903232213E-01 .939981872E-01 .974389825E-01 .100625840E+00  
.103541225E+00 .106170863E+00 .108504787E+00 .110538206E+00  
.112272020E+00  
-.108191216E-03 -.254429686E-03 -.536912771E-03 -.100953343E-02 -.166574772E-02  
-.248542006E-02 -.345176626E-02 -.455260802E-02 -.574839926E-02 -.699641830E-02  
-.826343155E-02 -.952416280E-02 -.107594585E-01 -.119545501E-01 -.130975985E-01  
-.141785458E-01 -.151882289E-01 -.161176943E-01 -.169576534E-01 -.176980331E-01  
-.183275848E-01 -.188335269E-01 -.192011992E-01 -.194137167E-01 -.194516132E-01  
-.192924691E-01 -.189105295E-01 -.182763294E-01 -.173563766E-01 -.161130129E-01  
-.145047399E-01 -.124876422E-01 -.100197134E-01 -.707411694E-02 -.368374778E-02  
-.105534594E-03 .365010100E-02 .757162877E-02 .116458687E-01 .158586167E-01  
.201949943E-01 .246393273E-01 .291749330E-01 .337839779E-01 .384474308E-01  
.431451056E-01 .478557893E-01 .525574479E-01 .572274951E-01 .618431028E-01  
.663815217E-01 .708203796E-01 .751379284E-01 .793132230E-01 .833262320E-01  
.871579033E-01 .907902253E-01 .942063371E-01 .973907393E-01 .100329643E+00  
.103011459E+00 .105427385E+00 .107572008E+00 .109443805E+00  
.111045431E+00  
.228143133E-03 .231387083E-03 .838694099E-04 -.347574883E-03 -.991692107E-03  
-.179637651E-02 -.273467784E-02 -.379315428E-02 -.495856355E-02 -.618540032E-02  
-.743676688E-02 -.868412377E-02 -.990573705E-02 -.110848838E-01 -.122082439E-01  
-.132645964E-01 -.142438064E-01 -.151360419E-01 -.159311582E-01 -.166181953E-01  
-.171849474E-01 -.176175759E-01 -.179002447E-01 -.180147619E-01 -.179402211E-01  
-.176526380E-01 -.171245991E-01 -.163249509E-01 -.152186251E-01 -.137668586E-01  
-.119285644E-01 -.966462533E-02 -.695053628E-02 -.381587184E-02 -.472619882E-03

.305179280E-02 .675137602E-02 .106161654E-01 .146339266E-01 .187908238E-01  
.230716833E-01 .274599918E-01 .319377997E-01 .364856434E-01 .410825416E-01  
.457060926E-01 .503326848E-01 .549378223E-01 .594965513E-01 .639839587E-01  
.683756984E-01 .726484909E-01 .767805463E-01 .807518711E-01 .845444425E-01  
.881422604E-01 .915313142E-01 .946995177E-01 .976366741E-01 .100334518E+00  
.102786859E+00 .104989813E+00 .106942075E+00 .108645156E+00  
.110103523E+00  
.627883506E-03 .855726685E-03 .946588649E-03 .458932350E-03 -.238516486E-03  
-.106179796E-02 -.198905909E-02 -.301337277E-02 -.413251284E-02 -.532570975E-  
02  
-.655175372E-02 -.777810124E-02 -.897975456E-02 -.101374897E-01 -.112360959E-  
01  
-.122628897E-01 -.132065415E-01 -.140561716E-01 -.148006434E-01 -.154279949E-  
01  
-.159249598E-01 -.162765478E-01 -.164656605E-01 -.164727300E-01 -.162753712E-  
01  
-.158480564E-01 -.151618512E-01 -.141842784E-01 -.128795011E-01 -.112093627E-  
01  
-.913740594E-02 -.664087378E-02 -.374684883E-02 -.648016520E-03 .264563397E-  
02  
.612448925E-02 .977993220E-02 .136018072E-01 .175781374E-01 .216951835E-01  
.259374745E-01 .302877499E-01 .347268650E-01 .392337227E-01 .437852895E-01  
.483567360E-01 .529217305E-01 .574528992E-01 .619224407E-01 .663028582E-01  
.705677428E-01 .746925248E-01 .786551094E-01 .824363252E-01 .860201494E-01  
.893937085E-01 .925470946E-01 .954730664E-01 .981667188E-01 .100625198E+00  
.102847515E+00 .104834465E+00 .106588644E+00 .108114503E+00  
.109418381E+00  
.105485054E-02 .164408337E-02 .235904841E-02 .140016957E-02 .555000983E-03  
-.311703563E-03 -.123595790E-02 -.222887048E-02 -.329441647E-02 -.443380347E-  
02  
-.561894990E-02 -.681219261E-02 -.798421539E-02 -.911245648E-02 -.101791901E-  
01  
-.111698149E-01 -.120714723E-01 -.128719870E-01 -.135590428E-01 -.141195270E-  
01  
-.145389909E-01 -.148011917E-01 -.148876917E-01 -.147775127E-01 -.144468316E-  
01  
-.138687488E-01 -.130132610E-01 -.118476095E-01 -.103375130E-01 -.845021294E-  
02  
-.616572748E-02 -.351004759E-02 -.651274809E-03 .240936726E-02 .566574641E-  
02  
.911001346E-02 .127334792E-01 .165260644E-01 .204759735E-01 .245695200E-01  
.287909793E-01 .331224258E-01 .375435725E-01 .420316600E-01 .465614514E-01  
.511053897E-01 .556339657E-01 .601163251E-01 .645211114E-01 .688174971E-01  
.729763064E-01 .769711016E-01 .807790957E-01 .843817788E-01 .877651884E-01  
.909198170E-01 .938402069E-01 .965243317E-01 .989728954E-01 .101188671E+00  
.103175968E+00 .104940273E+00 .106488051E+00 .107826671E+00  
.108964392E+00  
.143865705E-02 .216465350E-02 .290424672E-02 .211343126E-02 .127381815E-02  
.405434381E-03 -.502189397E-03 -.145826742E-02 -.246798058E-02 -.353351739E-  
02  
-.465511739E-02 -.579754574E-02 -.692585461E-02 -.801306694E-02 -.903809707E-  
02  
-.998379536E-02 -.108352986E-01 -.115787893E-01 -.122005204E-01 -.126860417E-  
01

-.130195869E-01 -.131835675E-01 -.131581644E-01 -.129210470E-01 -.124471855E-01  
-.117088233E-01 -.106760569E-01 -.931846516E-02 -.760979713E-02 -.553587308E-02  
-.312629598E-02 -.505498725E-03 .232265159E-02 .535436489E-02 .858411054E-02  
.120049201E-01 .156085804E-01 .193854032E-01 .233239318E-01 .274106604E-01  
.316297533E-01 .359627578E-01 .403883324E-01 .448820373E-01 .494162558E-01  
.539603234E-01 .584809439E-01 .629429516E-01 .673104335E-01 .715481550E-01  
.756231508E-01 .795062790E-01 .831735201E-01 .866068410E-01 .897945149E-01  
.927308790E-01 .954156027E-01 .978526214E-01 .100048941E+00 .102013513E+00  
.103756319E+00 .105287741E+00 .106618192E+00 .107757974E+00  
.108717275E+00  
.175682721E-02 .266336372E-02 .365207048E-02 .277222201E-02 .192538765E-02  
.107206165E-02 .194496282E-03 -.716666339E-03 -.166619377E-02 -.265587542E-02  
-.368541652E-02 -.475273271E-02 -.581769045E-02 -.684785463E-02 -.781778397E-02  
-.870699789E-02 -.949798020E-02 -.101748105E-01 -.107219929E-01 -.111235179E-01  
-.113621745E-01 -.114189886E-01 -.112728103E-01 -.109002480E-01 -.102758003E-01  
-.937219688E-02 -.816257565E-02 -.662489902E-02 -.475899786E-02 -.260357805E-02  
-.226004076E-03 .236760015E-02 .517242960E-02 .818394799E-02 .113969064E-01  
.148050151E-01 .184007581E-01 .221751176E-01 .261172373E-01 .302140484E-01  
.344498630E-01 .388059414E-01 .432600621E-01 .477861497E-01 .523540474E-01  
.569295435E-01 .614747831E-01 .659491762E-01 .703108597E-01 .745186594E-01  
.785343490E-01 .823248853E-01 .858642663E-01 .891347321E-01 .921271430E-01  
.948405066E-01 .972807581E-01 .994590397E-01 .101389813E+00 .103089132E+00  
.104573283E+00 .105857895E+00 .106957464E+00 .107885218E+00  
.108653195E+00  
.201522991E-02 .302298956E-02 .410246260E-02 .328863349E-02 .248787100E-02  
.167545756E-02 .842683164E-03 -.149193647E-04 -.899450194E-03 -.181103864E-02  
-.274805780E-02 -.370731180E-02 -.468254659E-02 -.563397336E-02 -.653076580E-02  
-.734833020E-02 -.806561468E-02 -.866403728E-02 -.912599995E-02 -.943369065E-02  
-.956840566E-02 -.950993119E-02 -.923605715E-02 -.872318839E-02 -.794748251E-02  
-.688553880E-02 -.552155285E-02 -.385350492E-02 -.195744523E-02 .173432718E-03  
.252948990E-02 .510467322E-02 .789434353E-02 .108942210E-01 .140996684E-01  
.175052562E-01 .211044313E-01 .248891669E-01 .288495580E-01 .329733503E-01  
.372453997E-01 .416470668E-01 .461555745E-01 .507433907E-01 .553777424E-01  
.600204210E-01 .646280807E-01 .691532458E-01 .735461758E-01 .777575671E-01  
.817418030E-01 .854602164E-01 .888837746E-01 .919947670E-01 .947872595E-01  
.972662690E-01 .994458060E-01 .101346160E+00 .102991000E+00  
.104404830E+00  
.105611119E+00 .106631182E+00 .107483704E+00 .108184727E+00  
.108747925E+00  
.222568034E-02 .327157743E-02 .430455368E-02 .368971285E-02 .297131752E-02

.221607473E-02 .143811608E-02 .640520829E-03 -.175297782E-03 -.100729599E-02  
-.185212269E-02 -.270475607E-02 -.355794352E-02 -.440238120E-02 -.520219252E-02  
-.592857304E-02 -.655553424E-02 -.706135672E-02 -.742609540E-02 -.762988030E-02  
-.765273585E-02 -.747396910E-02 -.707102514E-02 -.642217557E-02 -.551140409E-02  
-.432668449E-02 -.288879842E-02 -.122276918E-02 .670499740E-03 .279145473E-02  
.513651780E-02 .770199096E-02 .104845120E-01 .134808010E-01 .166872777E-01  
.200997021E-01 .237128248E-01 .275199978E-01 .315127117E-01 .356800325E-01  
.400079206E-01 .444784247E-01 .490687665E-01 .537503727E-01 .584879791E-01  
.632390170E-01 .679535967E-01 .725754764E-01 .770443658E-01 .812996647E-01  
.852852387E-01 .889542910E-01 .922732759E-01 .952242870E-01 .978056130E-01  
.100030394E+00 .101923537E+00 .103517433E+00 .104847513E+00  
.105948573E+00  
.106852335E+00 .107586221E+00 .108173054E+00 .108631371E+00  
.108976043E+00  
.239911555E-02 .357684806E-02 .486071906E-02 .410990181E-02 .340876806E-02  
.270192732E-02 .198087347E-02 .124636036E-02 .501136225E-03 -.251067834E-03  
-.100536514E-02 -.175530827E-02 -.249233332E-02 -.320503867E-02 -.387726388E-02  
-.448876373E-02 -.500496998E-02 -.540162644E-02 -.565677651E-02 -.574805022E-02  
-.565513357E-02 -.535968376E-02 -.484020979E-02 -.408054553E-02 -.309125062E-02  
-.187813194E-02 -.433952457E-03 .123652556E-02 .313177600E-02 .525125055E-02  
.759349899E-02 .101567576E-01 .129392287E-01 .159390368E-01 .191540280E-01  
.225815022E-01 .262178935E-01 .300583782E-01 .340963769E-01 .383229166E-01  
.427258158E-01 .472886598E-01 .519895545E-01 .567996881E-01 .616818169E-01  
.665889282E-01 .714635371E-01 .762382870E-01 .808386146E-01 .851879414E-01  
.892149179E-01 .928609444E-01 .960858535E-01 .988712719E-01 .101221314E+00  
.103160534E+00 .104729146E+00 .105976144E+00 .106952373E+00  
.107705301E+00  
.108276047E+00 .108698334E+00 .108998730E+00 .109197576E+00  
.109310162E+00  
.254164723E-02 .373080591E-02 .495380472E-02 .438844316E-02 .377277359E-02  
.312983424E-02 .247028493E-02 .180070632E-02 .112648383E-02 .453039932E-03  
-.213459561E-03 -.865555879E-03 -.149394919E-02 -.208687421E-02 -.262930736E-02  
-.310272777E-02 -.348434382E-02 -.375430945E-02 -.389068185E-02 -.386664839E-02  
-.366388076E-02 -.327638907E-02 -.268558173E-02 -.187970535E-02 -.856809138E-03  
.383804972E-03 .184500357E-02 .352694733E-02 .542985311E-02 .755409104E-02  
.989976132E-02 .124667770E-01 .152549715E-01 .182640917E-01 .214936869E-01  
.249429176E-01 .286102865E-01 .324932733E-01 .365878375E-01 .408877396E-01  
.453836206E-01 .500617694E-01 .549025130E-01 .598781927E-01 .649507789E-01  
.700693666E-01 .751681347E-01 .801658487E-01 .849684641E-01 .894762792E-01  
.935954361E-01 .972501791E-01 .100390742E+00 .102997985E+00  
.105084254E+00

.106690564E+00 .107879488E+00 .108723584E+00 .109294279E+00  
.109654569E+00  
.109855869E+00 .109937821E+00 .109929688E+00 .109852336E+00  
.109720233E+00  
.265904185E-02 .387546721E-02 .508462324E-02 .464248803E-02 .409329376E-02  
.350852978E-02 .290872359E-02 .230320601E-02 .169879387E-02 .110198349E-02  
.519777185E-03 -.397883673E-04 -.567179588E-03 -.105092598E-02 -.147724638E-  
02  
-.182998586E-02 -.209096055E-02 -.224188143E-02 -.226371583E-02 -.213694342E-  
02  
-.184549662E-02 -.137751965E-02 -.720056359E-03 .136895620E-03 .119908350E-  
02  
.247034710E-02 .395408401E-02 .565260633E-02 .756781181E-02 .970143848E-02  
.120550724E-01 .146302151E-01 .174283555E-01 .204509892E-01 .236995695E-01  
.271753886E-01 .308793774E-01 .348118018E-01 .389718112E-01 .433567770E-01  
.479613316E-01 .527759891E-01 .577852013E-01 .629646916E-01 .682779560E-01  
.736720150E-01 .790729776E-01 .843829352E-01 .894811239E-01 .942333113E-01  
.985111766E-01 .102214381E+00 .105279464E+00 .107686207E+00  
.109458501E+00  
.110661316E+00 .111391351E+00 .111755855E+00 .111853993E+00  
.111767222E+00  
.111557220E+00 .111267953E+00 .110929227E+00 .110560304E+00  
.110172993E+00  
.275522809E-02 .410057114E-02 .559829334E-02 .494080282E-02 .438563599E-02  
.384240518E-02 .329755372E-02 .275373773E-02 .221692192E-02 .169389432E-02  
.119204356E-02 .719611132E-03 .286019447E-03 -.978329346E-04 -.419382811E-  
03  
-.664433224E-03 -.817487839E-03 -.862485154E-03 -.783064799E-03 -.563161343E-  
03  
-.188389555E-03 .353595024E-03 .107413546E-02 .198266112E-02 .308627976E-02  
.439049524E-02 .589988171E-02 .761823411E-02 .954889272E-02 .116949739E-01  
.140594994E-01 .166455045E-01 .194561311E-01 .224946865E-01 .257646584E-01  
.292696757E-01 .330134009E-01 .369993272E-01 .412304338E-01 .457086257E-01  
.504338445E-01 .554026815E-01 .606062468E-01 .660269575E-01 .716338336E-01  
.773759392E-01 .831740527E-01 .889120732E-01 .944328992E-01 .995484415E-01  
.104074273E+00 .107877250E+00 .110874614E+00 .113044968E+00  
.114427487E+00  
.115120983E+00 .115277734E+00 .115058227E+00 .114598706E+00  
.114000783E+00  
.113333990E+00 .112642779E+00 .111953672E+00 .111281091E+00  
.110631661E+00  
.283106844E-02 .412417648E-02 .542914031E-02 .505998628E-02 .460429365E-02  
.412291489E-02 .363538256E-02 .315184211E-02 .268016381E-02 .222774659E-02  
.180218462E-02 .141166802E-02 .106528602E-02 .773247149E-03 .546987209E-03  
.399118012E-03 .343188157E-03 .393279582E-03 .563640265E-03 .868196374E-03  
.131991783E-02 .193053245E-02 .271062871E-02 .366940120E-02 .481454569E-02  
.615253185E-02 .768895222E-02 .942876076E-02 .113765186E-01 .135366048E-01  
.159133832E-01 .185113469E-01 .213352477E-01 .243902061E-01 .276817971E-01  
.312161046E-01 .349997313E-01 .390397413E-01 .433434922E-01 .479182840E-01  
.527707049E-01 .579054703E-01 .633234262E-01 .690181826E-01 .749705385E-01  
.811395026E-01 .874485556E-01 .937668847E-01 .998905021E-01 .105542730E+00  
.110436086E+00 .114406564E+00 .117342190E+00 .119222250E+00  
.120103119E+00

.120124494E+00 .119539858E+00 .118595129E+00 .117473415E+00  
.116293317E+00  
.115124716E+00 .114005026E+00 .112951414E+00 .111968993E+00  
.111056070E+00  
.288856327E-02 .421254547E-02 .556619841E-02 .521346395E-02 .479595816E-02  
.436061419E-02 .392465083E-02 .349792924E-02 .308831064E-02 .270314825E-02  
.234988430E-02 .203640881E-02 .177131471E-02 .156406592E-02 .142506581E-02  
.136560781E-02 .139770316E-02 .153380957E-02 .178652193E-02 .216821435E-02  
.269066914E-02 .336484204E-02 .420077378E-02 .520748182E-02 .639293944E-02  
.776421072E-02 .932765805E-02 .110891476E-01 .130542566E-01 .152284706E-01  
.176173650E-01 .202267780E-01 .230629788E-01 .261328337E-01 .294439692E-01  
.330049312E-01 .368253356E-01 .409159962E-01 .452890032E-01 .499576991E-01  
.549364514E-01 .602400365E-01 .658822925E-01 .718734005E-01 .782145900E-01  
.848880222E-01 .918378378E-01 .989362860E-01 .105930810E+00 .112393726E+00  
.117801513E+00 .122032509E+00 .124907655E+00 .126422566E+00  
.126645906E+00  
.125729315E+00 .124149516E+00 .122292325E+00 .120388206E+00  
.118555976E+00  
.116848900E+00 .115284705E+00 .113862746E+00 .112573437E+00  
.111403390E+00  
.292751002E-02 .434068042E-02 .590733026E-02 .538292723E-02 .495751627E-02  
.455490127E-02 .416508329E-02 .379175564E-02 .344118175E-02 .312007812E-02  
.283541288E-02 .259456748E-02 .240551858E-02 .227696107E-02 .221835044E-02  
.223985656E-02 .235223219E-02 .256661313E-02 .289427872E-02 .334638981E-02  
.393373668E-02 .466655200E-02 .555439985E-02 .660610726E-02 .782976262E-02  
.923279873E-02 .108221335E-01 .126043363E-01 .145858085E-01 .167729702E-01  
.191724493E-01 .217912778E-01 .246370963E-01 .277183757E-01 .310446583E-01  
.346268275E-01 .384774101E-01 .426109172E-01 .470442208E-01 .517969524E-01  
.568918828E-01 .623551828E-01 .682163455E-01 .745072823E-01 .812594887E-01  
.884966798E-01 .962165021E-01 .104345397E+00 .112629938E+00  
.120409980E+00  
.126431524E+00 .131077871E+00 .133871935E+00 .134929467E+00  
.134322736E+00  
.131976503E+00 .129008346E+00 .126006062E+00 .123201407E+00  
.120665783E+00  
.118404997E+00 .116399489E+00 .114621162E+00 .113040508E+00  
.111629602E+00  
.294588897E-02 .429174958E-02 .565525938E-02 .539323882E-02 .504972933E-02  
.469634569E-02 .435399983E-02 .403239719E-02 .373853672E-02 .347877013E-02  
.325948005E-02 .308740597E-02 .296983115E-02 .291467948E-02 .293053640E-02  
.302660067E-02 .321257526E-02 .349851085E-02 .389462009E-02 .441108084E-02  
.505785133E-02 .584452348E-02 .678022546E-02 .787357044E-02 .913265879E-02  
.105651376E-01 .121783069E-01 .139792583E-01 .159750355E-01 .181728135E-01  
.205800920E-01 .232049093E-01 .260560789E-01 .291434601E-01 .324782719E-01  
.360734662E-01 .399441791E-01 .441082854E-01 .485870883E-01 .534061821E-01  
.585965350E-01 .641958424E-01 .702501940E-01 .768160611E-01 .839624607E-01  
.917725936E-01 .100341797E+00 .109757005E+00 .119985421E+00  
.130312776E+00  
.136533901E+00 .142042076E+00 .144606593E+00 .145104526E+00  
.143714000E+00  
.138801248E+00 .133852281E+00 .129475261E+00 .125703121E+00  
.122463218E+00  
.119672946E+00 .117258379E+00 .115156799E+00 .113315801E+00  
.111691780E+00

.294271536E-02 .432241675E-02 .578453672E-02 .544668612E-02 .511263933E-02  
.479159359E-02 .449170035E-02 .421942400E-02 .398032961E-02 .377974608E-02  
.362319301E-02 .351663336E-02 .346660853E-02 .348029132E-02 .356547681E-02  
.373052295E-02 .398425024E-02 .433581090E-02 .479454018E-02 .536980350E-02  
.607085509E-02 .690672315E-02 .788613095E-02 .901745746E-02 .103087409E-01  
.117677265E-01 .134019535E-01 .152188751E-01 .172260051E-01 .194310891E-01  
.218423012E-01 .244684682E-01 .273193308E-01 .304058525E-01 .337405911E-01  
.373381580E-01 .412157939E-01 .453941088E-01 .498980470E-01 .547581708E-01  
.600124007E-01 .657084200E-01 .719070878E-01 .786874592E-01 .861546476E-01  
.944535783E-01 .103797770E+00 .114544673E+00 .127436274E+00  
.144475330E+00  
.147456065E+00 .156022152E+00 .157434751E+00 .157160334E+00  
.156573975E+00  
.145579884E+00 .138047692E+00 .132273750E+00 .127616852E+00  
.123763834E+00  
.120525087E+00 .117770016E+00 .115402386E+00 .113348599E+00  
.111550994E+00  
.291368324E-02 .431772535E-02 .585787094E-02 .545377275E-02 .512572100E-02  
.483430979E-02 .457552349E-02 .435177206E-02 .416656207E-02 .402383949E-02  
.392807979E-02 .388440008E-02 .389860271E-02 .397716305E-02 .412717851E-02  
.435628915E-02 .467257649E-02 .508444707E-02 .560050827E-02 .622944563E-02  
.697991153E-02 .786043495E-02 .887935930E-02 .100448126E-01 .113647131E-01  
.128468101E-01 .144987600E-01 .163282328E-01 .183430473E-01 .205513355E-01  
.229617364E-01 .255836256E-01 .284273889E-01 .315047542E-01 .348291998E-01  
.384164686E-01 .422852274E-01 .464579304E-01 .509619731E-01 .558312666E-01  
.611084332E-01 .668479377E-01 .731206647E-01 .800207804E-01 .876763193E-01  
.962661074E-01 .106048414E+00 .117415401E+00 .131022601E+00  
.148207722E+00  
.152166986E+00 .160599253E+00 .162098063E+00 .161543491E+00  
.160110624E+00  
.148741961E+00 .140375598E+00 .133870933E+00 .128659049E+00  
.124394682E+00  
.120847371E+00 .117855339E+00 .115301083E+00 .113096850E+00  
.111175477E+00  
.285307998E-02 .418662607E-02 .556054241E-02 .533843983E-02 .506733781E-02  
.481659681E-02 .460216505E-02 .442838691E-02 .429759078E-02 .421238788E-02  
.417620555E-02 .419335715E-02 .426898460E-02 .440896655E-02 .461981795E-02  
.490858615E-02 .528274446E-02 .575008397E-02 .631860660E-02 .699642412E-02  
.779166897E-02 .871242304E-02 .976666936E-02 .109622705E-01 .123069760E-01  
.138084599E-01 .154743882E-01 .173125151E-01 .193308083E-01 .215376034E-01  
.239417914E-01 .265530446E-01 .293820900E-01 .324410454E-01 .357438383E-01  
.393067370E-01 .431490372E-01 .472939679E-01 .517699097E-01 .566120683E-01  
.618648238E-01 .675851018E-01 .738473058E-01 .807506351E-01 .884298694E-01  
.970702290E-01 .106922154E+00 .118286543E+00 .131322083E+00  
.144983330E+00  
.151913974E+00 .158450694E+00 .160677992E+00 .160199324E+00  
.157259410E+00  
.148736990E+00 .140719698E+00 .134080685E+00 .128678393E+00  
.124247346E+00  
.120563991E+00 .117460802E+00 .114814188E+00 .112531860E+00  
.110543479E+00  
.275456953E-02 .411224189E-02 .561870049E-02 .524086759E-02 .495925719E-02  
.473906705E-02 .457033558E-02 .444921619E-02 .437465038E-02 .434754749E-02  
.437035849E-02 .444675705E-02 .458139318E-02 .477970366E-02 .504776214E-02

.539215441E-02 .581986844E-02 .633819393E-02 .695462970E-02 .767680006E-02  
.851238315E-02 .946905497E-02 .105544525E-01 .117761588E-01 .131417126E-01  
.146586425E-01 .163345284E-01 .181770877E-01 .201942898E-01 .223944986E-01  
.247866479E-01 .273804540E-01 .301866768E-01 .332174402E-01 .364866324E-01  
.400104145E-01 .438078739E-01 .479018833E-01 .523202471E-01 .570972645E-01  
.622759021E-01 .679108848E-01 .740731969E-01 .808568223E-01 .883891812E-01  
.968481007E-01 .106491866E+00 .117721626E+00 .131248219E+00  
.148680579E+00  
.152177553E+00 .160689957E+00 .161979253E+00 .161286877E+00  
.159893390E+00  
.148088815E+00 .139565178E+00 .132956442E+00 .127648320E+00  
.123288817E+00  
.119648157E+00 .116566059E+00 .113926167E+00 .111641470E+00  
.109645240E+00  
.260691382E-02 .390171934E-02 .534300617E-02 .500530484E-02 .476154662E-02  
.459042444E-02 .447759094E-02 .441526576E-02 .440030462E-02 .443263876E-02  
.451425438E-02 .464855815E-02 .483998135E-02 .509372409E-02 .541558000E-02  
.581180631E-02 .628901983E-02 .685410835E-02 .751415293E-02 .827636028E-02  
.914800618E-02 .101363924E-01 .112488191E-01 .124925761E-01 .138749530E-01  
.154032713E-01 .170849389E-01 .189275266E-01 .209388705E-01 .231271991E-01  
.255012914E-01 .280706684E-01 .308458278E-01 .338385317E-01 .370621632E-01  
.405321730E-01 .442666472E-01 .482870380E-01 .526191180E-01 .572942458E-01  
.623510702E-01 .678378657E-01 .738158082E-01 .803637304E-01 .875854623E-01  
.956225377E-01 .104680650E+00 .115098406E+00 .127561238E+00  
.143838824E+00  
.146863451E+00 .154947336E+00 .156207196E+00 .155728795E+00  
.154789523E+00  
.143990002E+00 .136371505E+00 .130435316E+00 .125592770E+00  
.121548842E+00  
.118121963E+00 .115185694E+00 .112646142E+00 .110431086E+00  
.108483649E+00  
.239824658E-02 .357306294E-02 .489158533E-02 .463897031E-02 .446787672E-02  
.436914342E-02 .432629884E-02 .433070235E-02 .437933725E-02 .447254921E-02  
.461271059E-02 .480348659E-02 .504942513E-02 .535571483E-02 .572803026E-02  
.617242322E-02 .669523872E-02 .730304529E-02 .800257491E-02 .880067138E-02  
.970424779E-02 .107202546E-01 .118556603E-01 .131174468E-01 .145126202E-01  
.160482403E-01 .177314668E-01 .195696269E-01 .215703025E-01 .237414400E-01  
.260914856E-01 .286295491E-01 .313656020E-01 .343107182E-01 .374773652E-01  
.408797622E-01 .445343205E-01 .484601890E-01 .526799344E-01 .572203877E-01  
.621136948E-01 .673986037E-01 .731219948E-01 .793405797E-01 .861224392E-01  
.935472523E-01 .101701129E+00 .110650562E+00 .120331182E+00  
.130044642E+00  
.135928050E+00 .141011314E+00 .143233577E+00 .143382459E+00  
.141635412E+00  
.136556411E+00 .131384225E+00 .126733475E+00 .122667958E+00  
.119133353E+00  
.116056133E+00 .113367059E+00 .111006084E+00 .108922430E+00  
.107073445E+00  
.212162036E-02 .317962166E-02 .476453915E-02 .416427737E-02 .408667769E-02  
.408481903E-02 .412599435E-02 .420413715E-02 .431929329E-02 .447390851E-02  
.467166185E-02 .491699073E-02 .521486157E-02 .557064152E-02 .599001576E-02  
.647892648E-02 .704352252E-02 .769011507E-02 .842513770E-02 .925511117E-02  
.101866140E-01 .112262604E-01 .123806881E-01 .136565563E-01 .150605571E-01  
.165994401E-01 .182800522E-01 .201093927E-01 .220946854E-01 .242434686E-01

























-.491909143E+06 -.503809998E+06 -.519544493E+06 -.539168431E+06  
-.562586066E+06  
-.589440876E+06 -.618864961E+06 -.648903570E+06 -.675110618E+06  
-.686839475E+06  
-.656639617E+06 -.508013642E+06 -.176942382E+05 -.126622771E-62 -.882414073E-63  
-.298175363E-63 -.649765354E-64 -.103194756E-65 -.898786535E-66 -.646926018E-66  
-.183510777E-66 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .245749004E+05 -.222461050E+06  
-.346328964E+06  
-.416913980E+06 -.452540006E+06 -.466930606E+06 -.469477926E+06  
-.466273986E+06  
-.461140725E+06 -.456426544E+06 -.453558079E+06 -.453401042E+06  
-.456488217E+06  
-.463159639E+06 -.473645421E+06 -.488109986E+06 -.506667504E+06  
-.529370559E+06  
-.556164354E+06 -.586781164E+06 -.620508148E+06 -.655649648E+06  
-.688176344E+06  
-.708014722E+06 -.687921586E+06 -.547579405E+06 -.365427393E+05 -.130012191E-62  
-.860424052E-63 -.285761015E-63 -.112933484E-65 -.105813788E-65 -.907629098E-66  
-.615455128E-66 -.637379762E-67 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .167212522E+06 -.313006388E+06  
-.398649469E+06  
-.442805996E+06 -.460778977E+06 -.463561789E+06 -.458478933E+06  
-.450186947E+06  
-.441555684E+06 -.434316674E+06 -.429501300E+06 -.427723569E+06  
-.429357597E+06  
-.434646614E+06 -.443767893E+06 -.456868723E+06 -.474081859E+06  
-.495523774E+06



-.634844592E+06 -.682306287E+06 -.728336769E+06 -.761520543E+06  
-.745556206E+06  
-.551208769E+06 -.331068889E-62 -.123173231E-62 -.341115098E-63 -.203030303E-64

-.117348468E-65 -.103849233E-65 -.747772516E-66 -.154694915E-66  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

-.117928635E+06 -.282789784E+06 -.382743598E+06 -.434608964E+06  
-.454361528E+06  
-.454533994E+06 -.443945316E+06 -.428381566E+06 -.411454393E+06  
-.395329445E+06  
-.381257564E+06 -.369933333E+06 -.361726757E+06 -.356829178E+06  
-.355343783E+06  
-.357341146E+06 -.362892853E+06 -.372091202E+06 -.385059602E+06  
-.401956004E+06  
-.422970127E+06 -.448313884E+06 -.478202858E+06 -.512824068E+06  
-.552279045E+06  
-.596474385E+06 -.644881236E+06 -.695920648E+06 -.745149552E+06  
-.779153446E+06  
-.752318366E+06 -.489538627E+06 -.224951864E-62 -.106505792E-62 -.268210690E-63

-.123834619E-65 -.116340312E-65 -.980151567E-66 -.586506357E-66  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00 -.112113052E-48

-.202754685E+06 -.337665876E+06 -.413484924E+06 -.447863845E+06  
-.455757757E+06  
-.448215649E+06 -.432728892E+06 -.414083447E+06 -.395198699E+06  
-.377782263E+06  
-.362788818E+06 -.350723121E+06 -.341833265E+06 -.336231440E+06  
-.333968498E+06  
-.335079674E+06 -.339612411E+06 -.347642958E+06 -.359285538E+06  
-.374696064E+06  
-.394071021E+06 -.417641166E+06 -.445658712E+06 -.478375436E+06  
-.516006544E+06  
-.558668530E+06 -.606259745E+06 -.658190648E+06 -.712659450E+06  
-.764376003E+06

-.796326395E+06 -.745825058E+06 -.350444276E+06 -.172160906E-62 -.680748818E-63

-.996034824E-64 -.124082614E-65 -.113116743E-65 -.873742267E-66 -.320703460E-66

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-819228149E+05

-.265611847E+06 -.376464763E+06 -.433480043E+06 -.454466037E+06  
-.453375508E+06

-.440035988E+06 -.420895187E+06 -.399966470E+06 -.379637810E+06  
-.361265513E+06

-.345576593E+06 -.332929173E+06 -.323476441E+06 -.317268186E+06  
-.314313156E+06

-.314617232E+06 -.318206780E+06 -.325142840E+06 -.335529372E+06  
-.349517194E+06

-.367304123E+06 -.389131010E+06 -.415272653E+06 -.446021839E+06  
-.481663609E+06

-.522434181E+06 -.568451277E+06 -.619578500E+06 -.675105551E+06  
-.732832631E+06

-.785967614E+06 -.810912481E+06 -.712036791E+06 -.485757310E+05 -.130614876E-62

-.302886520E-63 -.128654346E-65 -.122782711E-65 -.106435432E-65 -.691292518E-66

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-151015056E+06

-.312458943E+06 -.403928183E+06 -.446154071E+06 -.456756636E+06  
-.448763914E+06

-.431000322E+06 -.409087233E+06 -.386434926E+06 -.365018419E+06  
-.345920870E+06

-.329691595E+06 -.316573514E+06 -.306644487E+06 -.299904014E+06  
-.296326116E+06

-.295891621E+06 -.298608010E+06 -.304521718E+06 -.313725661E+06  
-.326363393E+06

-.342630293E+06 -.362771472E+06 -.387075508E+06 -.415862543E+06  
-.449464682E+06

-.488195496E+06 -.532302413E+06 -.581886175E+06 -.636739322E+06  
-.695940917E+06

-.756600181E+06 -.809216304E+06 -.817675784E+06 -.620575604E+06 -.273068244E-62



-.963198565E-66 -.355599401E-66 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.784738745E+05  
-.280842692E+06  
-.394713453E+06 -.447057005E+06 -.460424534E+06 -.451170078E+06  
-.430137854E+06  
-.404081515E+06 -.376998620E+06 -.351137474E+06 -.327681536E+06  
-.307188497E+06  
-.289862377E+06 -.275718556E+06 -.264682494E+06 -.256648349E+06  
-.251513756E+06  
-.249200701E+06 -.249668442E+06 -.252922025E+06 -.259018362E+06  
-.268070888E+06  
-.280253072E+06 -.295800527E+06 -.315010929E+06 -.338240496E+06  
-.365895296E+06  
-.398415298E+06 -.436248756E+06 -.479814086E+06 -.529444625E+06  
-.585303970E+06  
-.647228332E+06 -.714325732E+06 -.783607896E+06 -.844175344E+06  
-.847525427E+06  
-.529550460E+06 -.204610512E-62 -.206711296E-63 -.135287176E-65 -.129920336E-  
65  
-.112556629E-65 -.696958683E-66 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.117761965E+06  
-.307762761E+06  
-.410443966E+06 -.454034639E+06 -.461130686E+06 -.447631968E+06  
-.423836884E+06  
-.396029192E+06 -.367852641E+06 -.341306578E+06 -.317405440E+06  
-.296594049E+06  
-.279001244E+06 -.264591775E+06 -.253256121E+06 -.244863205E+06  
-.239291319E+06  
-.236446521E+06 -.236274012E+06 -.238765761E+06 -.243966216E+06  
-.251977038E+06  
-.262961151E+06 -.277145880E+06 -.294824468E+06 -.316354753E+06  
-.342153318E+06  
-.372682957E+06 -.408431013E+06 -.449875965E+06 -.497439283E+06  
-.551416958E+06  
-.611872243E+06 -.678415792E+06 -.749559654E+06 -.820184048E+06  
-.869279374E+06  
-.788349739E+06 -.160582254E-47 -.700695965E-63 -.136892282E-65 -.134745449E-  
65  
-.123678514E-65 -.936704971E-66 -.220933912E-66 .000000000E+00  
.000000000E+00



.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.150105267E+06  
-.329435886E+06  
-.422671242E+06 -.458976396E+06 -.460897422E+06 -.443912874E+06  
-.417852272E+06  
-.388606807E+06 -.359528462E+06 -.332412427E+06 -.308134629E+06  
-.287047116E+06  
-.269216508E+06 -.254565210E+06 -.242953991E+06 -.234229897E+06  
-.228254024E+06  
-.224917863E+06 -.224153374E+06 -.225939842E+06 -.230309239E+06  
-.237350982E+06  
-.247216409E+06 -.260122781E+06 -.276356184E+06 -.296272192E+06  
-.320292632E+06  
-.348896286E+06 -.382600934E+06 -.421934006E+06 -.467389197E+06  
-.519366014E+06  
-.578084598E+06 -.643444244E+06 -.714686369E+06 -.789220318E+06  
-.857302487E+06  
-.872493111E+06 -.554842014E+06 -.184031685E-62 -.137497914E-65 -.137709054E-  
65  
-.131221102E-65 -.110526082E-65 -.586760933E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.176862395E+06  
-.347007375E+06  
-.432251691E+06 -.462460656E+06 -.460080068E+06 -.440207475E+06  
-.412270623E+06  
-.381831442E+06 -.351999755E+06 -.324402066E+06 -.299799909E+06  
-.278468469E+06  
-.260422478E+06 -.245548648E+06 -.233682321E+06 -.224651441E+06  
-.218301725E+06  
-.214511287E+06 -.213199612E+06 -.214333725E+06 -.217933215E+06  
-.224074976E+06  
-.232897988E+06 -.244608029E+06 -.259481762E+06 -.277869159E+06  
-.300192676E+06  
-.326941017E+06 -.358654795E+06 -.395901108E+06 -.439234187E+06  
-.489139755E+06  
-.545959865E+06 -.609785571E+06 -.680256066E+06 -.755973837E+06  
-.832074299E+06  
-.887456425E+06 -.802435774E+06 -.472731559E-48 -.221749784E-63 -.139365798E-  
65  
-.136242380E-65 -.122357986E-65 -.849011728E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.199119471E+06  
-.361355768E+06  
-.439818972E+06 -.464900347E+06 -.458920100E+06 -.436635948E+06  
-.407131477E+06  
-.375691327E+06 -.345223116E+06 -.317213026E+06 -.292327447E+06  
-.270777443E+06  
-.252534174E+06 -.237454069E+06 -.225350572E+06 -.216034852E+06  
-.209338807E+06  
-.205128244E+06 -.203310894E+06 -.203841977E+06 -.206728889E+06  
-.212035871E+06  
-.219889004E+06 -.230481476E+06 -.244078657E+06 -.261022062E+06  
-.281730715E+06  
-.306697793E+06 -.336479824E+06 -.371675215E+06 -.412888893E+06  
-.460680480E+06  
-.515494229E+06 -.577566440E+06 -.646784992E+06 -.722368690E+06  
-.801697568E+06  
-.874551334E+06 -.887773312E+06 -.480310029E+06 -.938343225E-63 -.140101135E-  
65  
-.139476915E-65 -.130620346E-65 -.103756841E-65 -.361140265E-66  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.217739808E+06  
-.373156733E+06  
-.445844685E+06 -.466591234E+06 -.457580217E+06 -.433268314E+06  
-.402443923E+06  
-.370157172E+06 -.339145892E+06 -.310778818E+06 -.285642710E+06  
-.263894807E+06  
-.245469467E+06 -.230197275E+06 -.217872718E+06 -.208292167E+06  
-.201275064E+06  
-.196675874E+06 -.194391267E+06 -.194365130E+06 -.196592929E+06  
-.201126258E+06  
-.208077947E+06 -.217627751E+06 -.230028229E+06 -.245610020E+06  
-.264785148E+06  
-.288046357E+06 -.315959717E+06 -.349147152E+06 -.388255261E+06  
-.433907301E+06  
-.486636586E+06 -.546800293E+06 -.614465181E+06 -.689207182E+06  
-.769512855E+06  
-.850071564E+06 -.906051890E+06 -.779519154E+06 -.125624700E-61 -.698150086E-  
65  
-.141438693E-65 -.136329946E-65 -.117331865E-65 -.669130109E-66  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.233411426E+06  
-.382932445E+06  
-.450681862E+06 -.467745681E+06 -.456168561E+06 -.430141105E+06  
-.398197874E+06  
-.365189792E+06 -.333711389E+06 -.305032551E+06 -.279673022E+06  
-.257744608E+06  
-.239150423E+06 -.223698892E+06 -.211168013E+06 -.201341056E+06  
-.194026206E+06  
-.189067465E+06 -.186351106E+06 -.185810173E+06 -.187428520E+06  
-.191245200E+06  
-.197359606E+06 -.205937448E+06 -.217217259E+06 -.231516766E+06  
-.249237899E+06  
-.270868558E+06 -.296978475E+06 -.328205735E+06 -.365229987E+06  
-.408728617E+06  
-.459313458E+06 -.517447829E+06 -.583342913E+06 -.656811380E+06  
-.736934283E+06  
-.820738302E+06 -.895958894E+06 -.891147569E+06 -.247100620E+06 -.138941220E-  
63  
-.142490189E-65 -.140203143E-65 -.127097155E-65 -.895505896E-66  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.246686700E+06  
-.391088890E+06  
-.454596290E+06 -.468516432E+06 -.454755577E+06 -.427268834E+06  
-.394371716E+06  
-.360745202E+06 -.328862292E+06 -.299909263E+06 -.274349172E+06  
-.252255302E+06  
-.233504110E+06 -.217884942E+06 -.205161400E+06 -.195105117E+06  
-.187514086E+06  
-.182222653E+06 -.179107322E+06 -.178090794E+06 -.179145672E+06  
-.182298657E+06  
-.187635652E+06 -.195307904E+06 -.205538977E+06 -.218632005E+06  
-.234976150E+06  
-.255050541E+06 -.279423178E+06 -.308741346E+06 -.343709395E+06  
-.385049537E+06  
-.433442386E+06 -.489446502E+06 -.553398721E+06 -.625290423E+06  
-.704557550E+06  
-.789403800E+06 -.873375608E+06 -.923069337E+06 -.695519459E+06 -.315816217E-  
62  
-.142889072E-65 -.142748471E-65 -.134096193E-65 -.106250415E-65 -.335220016E-  
66  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 -.375334497E-35 -.258013353E+06  
-.397943134E+06  
-.457789030E+06 -.469013485E+06 -.453385799E+06 -.424651884E+06  
-.390937483E+06  
-.356777981E+06 -.324542857E+06 -.295347352E+06 -.269606367E+06  
-.247360373E+06  
-.228463001E+06 -.212687099E+06 -.199783665E+06 -.189513966E+06  
-.181666747E+06  
-.176067439E+06 -.172583381E+06 -.171127426E+06 -.171661320E+06  
-.174199668E+06  
-.178814939E+06 -.185643665E+06 -.194893738E+06 -.206852332E+06  
-.221893565E+06  
-.240484339E+06 -.263186004E+06 -.290648517E+06 -.323592830E+06  
-.362776717E+06  
-.408939861E+06 -.462726356E+06 -.524586669E+06 -.594661969E+06  
-.672629370E+06  
-.757331854E+06 -.845117717E+06 -.919638782E+06 -.872288431E+06 -.119628260E-  
47  
-.122171958E-64 -.144329694E-65 -.139074710E-65 -.118600941E-65 -.625803205E-  
66  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.123902159E+05 -.267752090E+06  
-.403741659E+06  
-.460412533E+06 -.469316133E+06 -.452086125E+06 -.422281933E+06  
-.387864310E+06  
-.353243434E+06 -.320700250E+06 -.291289403E+06 -.265384720E+06  
-.242998619E+06  
-.223965109E+06 -.208042733E+06 -.194971410E+06 -.184503152E+06  
-.176418308E+06  
-.170534071E+06 -.166709186E+06 -.164847152E+06 -.164899268E+06  
-.166868355E+06  
-.170813593E+06 -.176856696E+06 -.185189383E+06 -.196081794E+06  
-.209891102E+06  
-.227068969E+06 -.248165677E+06 -.273827786E+06 -.304785069E+06  
-.341821640E+06  
-.385726308E+06 -.437218984E+06 -.496854185E+06 -.564907175E+06  
-.641241265E+06  
-.725081511E+06 -.814186895E+06 -.900105557E+06 -.933407639E+06  
-.499017776E+06  
-.275188955E-64 -.145209032E-65 -.142569575E-65 -.127745060E-65 -.845010761E-  
66  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.244769338E+05 -.276146050E+06  
-.408670706E+06

-.462582407E+06 -.469481626E+06 -.450871590E+06 -.420145623E+06  
-.385120687E+06  
-.350098929E+06 -.317285305E+06 -.287682581E+06 -.261629421E+06  
-.239114177E+06  
-.219953932E+06 -.203894784E+06 -.190666890E+06 -.180013983E+06  
-.171708769E+06  
-.165560832E+06 -.161420867E+06 -.159183498E+06 -.158790010E+06  
-.160231785E+06  
-.163554940E+06 -.168866391E+06 -.176341370E+06 -.186232169E+06  
-.198877469E+06  
-.214711118E+06 -.234268416E+06 -.258186963E+06 -.287197972E+06  
-.322102822E+06  
-.363729257E+06 -.412862822E+06 -.470152894E+06 -.535998753E+06  
-.610423257E+06  
-.692910417E+06 -.781973574E+06 -.872920419E+06 -.942460527E+06  
-.813695473E+06  
-.990505629E-62 -.145576995E-65 -.144970149E-65 -.134510976E-65 -.101114550E-  
65  
.122836794E-66 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.349952491E+05 -.283389257E+06  
-.412875709E+06  
-.464387334E+06 -.469551403E+06 -.449749324E+06 -.418226977E+06  
-.382675854E+06  
-.347304642E+06 -.314252871E+06 -.284478736E+06 -.258290700E+06  
-.235656396E+06  
-.216378267E+06 -.200191548E+06 -.186817773E+06 -.175993252E+06  
-.167483730E+06  
-.161091755E+06 -.156660488E+06 -.154076155E+06 -.153270456E+06  
-.154223722E+06  
-.156969297E+06 -.161599420E+06 -.168272700E+06 -.177223002E+06  
-.188769300E+06  
-.203325486E+06 -.221408470E+06 -.243641887E+06 -.270751505E+06  
-.303547167E+06  
-.342885258E+06 -.389606188E+06 -.444444431E+06 -.507914972E+06  
-.580186729E+06  
-.660944702E+06 -.749143997E+06 -.841948210E+06 -.927843769E+06  
-.929878972E+06  
-.988606584E+05 -.144907828E-64 -.146560909E-65 -.139503134E-65 -.113755886E-  
65  
-.428868388E-66 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.441413140E+05 -.289646422E+06  
-.416473639E+06  
-.465896305E+06 -.469555505E+06 -.448721219E+06 -.416508938E+06  
-.380500618E+06

-.344823924E+06 -.311561895E+06 -.281634320E+06 -.255323642E+06  
-.232579602E+06  
-.213191941E+06 -.196886385E+06 -.183376836E+06 -.172392930E+06  
-.163694068E+06  
-.157076295E+06 -.152375723E+06 -.149470639E+06 -.148283607E+06  
-.148784311E+06  
-.150993668E+06 -.154989467E+06 -.160913696E+06 -.168981451E+06  
-.179491090E+06  
-.192834823E+06 -.209508291E+06 -.230116743E+06 -.255374205E+06  
-.286090623E+06  
-.323140798E+06 -.367408759E+06 -.419703378E+06 -.480646742E+06  
-.550545454E+06  
-.629258046E+06 -.716029467E+06 -.808974875E+06 -.901990473E+06  
-.961079177E+06  
-.692176247E+06 -.385992974E-63 -.147551252E-65 -.143165803E-65 -.123405794E-  
65  
-.665735099E-66 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.520941339E+05 -.295058095E+06  
-.419560065E+06  
-.467163609E+06 -.469515703E+06 -.447785762E+06 -.414974347E+06  
-.378567785E+06  
-.342623393E+06 -.309175321E+06 -.279110177E+06 -.252687916E+06  
-.229842792E+06  
-.210353488E+06 -.193937391E+06 -.180301625E+06 -.169169823E+06  
-.160295595E+06  
-.153468974E+06 -.148519484E+06 -.145317928E+06 -.143778173E+06  
-.143859695E+06  
-.145571373E+06 -.148976860E+06 -.154201668E+06 -.161441980E+06  
-.170974936E+06  
-.183169741E+06 -.198498407E+06 -.217544007E+06 -.241003195E+06  
-.269678244E+06  
-.304452439E+06 -.346241937E+06 -.395918366E+06 -.454201186E+06  
-.521527684E+06  
-.597917487E+06 -.682835869E+06 -.774926292E+06 -.870627594E+06  
-.954216795E+06  
-.907551614E+06 -.218583018E-48 -.148096476E-65 -.145827834E-65 -.130789590E-  
65  
-.850062211E-66 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.590113771E+05 -.299743886E+06  
-.422213715E+06  
-.468232356E+06 -.469447720E+06 -.446939277E+06 -.413606537E+06  
-.376852351E+06  
-.340672883E+06 -.307059897E+06 -.276871262E+06 -.250347461E+06  
-.227409297E+06

-.207825808E+06 -.191307047E+06 -.177554109E+06 -.166285216E+06  
-.157248690E+06  
-.150229009E+06 -.145049548E+06 -.141574064E+06 -.139708178E+06  
-.139401604E+06  
-.140651629E+06 -.143508152E+06 -.148080481E+06 -.154545944E+06  
-.163160132E+06  
-.174268324E+06 -.188317058E+06 -.205864090E+06 -.227583808E+06  
-.254263759E+06  
-.286786308E+06 -.326088273E+06 -.373091677E+06 -.428602217E+06  
-.493180188E+06  
-.567000075E+06 -.649718107E+06 -.740309927E+06 -.836452343E+06  
-.930327211E+06  
-.973485805E+06 -.497744931E+06 -.176709152E-64 -.147734361E-65 -.136447348E-  
65  
-.994223345E-66 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.650300235E+05 -.303805374E+06  
-.424499782E+06  
-.469137013E+06 -.469362854E+06 -.446176803E+06 -.412389699E+06  
-.375331541E+06  
-.338945292E+06 -.305185910E+06 -.274886334E+06 -.248270140E+06  
-.225246431E+06  
-.205575810E+06 -.188961865E+06 -.175100320E+06 -.163704515E+06  
-.154517940E+06  
-.147319943E+06 -.141928171E+06 -.138199763E+06 -.136032542E+06  
-.135366931E+06  
-.136189100E+06 -.138535652E+06 -.142500084E+06 -.148241094E+06  
-.155992671E+06  
-.166075612E+06 -.178909655E+06 -.195024751E+06 -.215068921E+06  
-.239808777E+06  
-.270117077E+06 -.306940180E+06 -.351237731E+06 -.403889171E+06  
-.465568374E+06  
-.536599633E+06 -.616819150E+06 -.705448178E+06 -.800808580E+06  
-.898565403E+06  
-.977933052E+06 -.866364253E+06 -.936513028E-62 -.149069395E-65 -.140783911E-  
65  
-.110748843E-65 -.264310347E-66 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.702683463E+05 -.307328777E+06  
-.426472461E+06  
-.469905309E+06 -.469269149E+06 -.445492692E+06 -.411309085E+06  
-.373984763E+06  
-.337416383E+06 -.303526913E+06 -.273127628E+06 -.246427404E+06  
-.223325143E+06  
-.203574062E+06 -.186872039E+06 -.172910005E+06 -.161396893E+06  
-.152071779E+06

-.144709280E+06 -.139121713E+06 -.135160019E+06 -.132714674E+06  
-.131717294E+06  
-.132143441E+06 -.134016949E+06 -.137415993E+06 -.142481041E+06  
-.149424667E+06  
-.158542990E+06 -.170228116E+06 -.184980364E+06 -.203418098E+06  
-.226281715E+06  
-.254426605E+06 -.288798169E+06 -.330380876E+06 -.380114310E+06  
-.438774352E+06  
-.506828521E+06 -.584288898E+06 -.670588332E+06 -.764431191E+06  
-.863072248E+06  
-.956865231E+06 -.980109919E+06 -.236311437E+06 -.149972038E-65 -.144104769E-  
65  
.119684717E-65 -.490079029E-66 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.748281558E+05 -.310387285E+06  
-.428176957E+06  
-.470559664E+06 -.469172266E+06 -.444881025E+06 -.410351108E+06  
-.372793509E+06  
-.336064571E+06 -.302059434E+06 -.271570536E+06 -.244793951E+06  
-.221619679E+06  
-.201794455E+06 -.185011110E+06 -.170956293E+06 -.159334957E+06  
-.149882150E+06  
-.142368130E+06 -.136600268E+06 -.132423721E+06 -.129722066E+06  
-.128418608E+06  
-.128478848E+06 -.129914424E+06 -.132788779E+06 -.137224699E+06  
-.143413758E+06  
-.151627536E+06 -.162230148E+06 -.175691088E+06 -.192596608E+06  
-.213656604E+06  
-.239702386E+06 -.271668818E+06 -.310552757E+06 -.357339673E+06  
-.412893807E+06  
-.477816455E+06 -.552291921E+06 -.635953177E+06 -.727774416E+06  
-.825778767E+06  
-.924897527E+06 -.998978179E+06 -.813035188E+06 -.339847588E-62 -.146641942E-  
65  
-.126760336E-65 -.670941433E-66 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.787969487E+05 -.313043074E+06  
-.429651089E+06  
-.471118294E+06 -.469076124E+06 -.444335900E+06 -.409503378E+06  
-.371741226E+06  
-.334870691E+06 -.300762703E+06 -.270193304E+06 -.243347419E+06  
-.220107264E+06  
-.200213885E+06 -.183355646E+06 -.169215373E+06 -.157494424E+06  
-.147924174E+06  
-.140270875E+06 -.134337322E+06 -.129963290E+06 -.127025910E+06  
-.125440681E+06



-.125163612E+06 -.126194775E+06 -.128583554E+06 -.132435731E+06  
-.137922503E+06  
-.145291359E+06 -.154878500E+06 -.167122025E+06 -.182574426E+06  
-.201911836E+06  
-.225935949E+06 -.255562653E+06 -.291789544E+06 -.335633591E+06  
-.388032166E+06  
-.449707773E+06 -.521010720E+06 -.601770938E+06 -.691190639E+06  
-.787716780E+06  
-.888228298E+06 -.981344666E+06 -.983712733E+06 -.282366919E-38 -.148572782E-  
65  
-.132380646E-65 -.816518595E-66 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.822498479E+05 -.315348998E+06  
-.430926578E+06  
-.471596064E+06 -.468983370E+06 -.443851611E+06 -.408754687E+06  
-.370813176E+06  
-.333817787E+06 -.299618387E+06 -.268976751E+06 -.242068084E+06  
-.218767805E+06  
-.198811956E+06 -.181884952E+06 -.167666201E+06 -.155853821E+06  
-.146175846E+06  
-.138394853E+06 -.132309420E+06 -.127754335E+06 -.124600731E+06  
-.122756822E+06  
-.122169709E+06 -.122828574E+06 -.124769484E+06 -.128082019E+06  
-.132917804E+06  
-.139500959E+06 -.148140256E+06 -.159242398E+06 -.173325263E+06  
-.191028976E+06  
-.213121315E+06 -.240492095E+06 -.274129152E+06 -.315067054E+06  
-.364300199E+06  
-.422657016E+06 -.490643795E+06 -.568284664E+06 -.654997498E+06  
-.749512763E+06  
-.849582322E+06 -.949493141E+06 -.101813890E+07 -.760915514E+06 -.233219793E-  
63  
-.136856676E-65 -.934196136E-66 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.852513024E+05 -.317350021E+06  
-.432030092E+06  
-.472005151E+06 -.468895737E+06 -.443422771E+06 -.408094971E+06  
-.369996294E+06  
-.332890900E+06 -.298610348E+06 -.267904001E+06 -.240938599E+06  
-.217583617E+06  
-.197570708E+06 -.180580790E+06 -.166290225E+06 -.154394214E+06  
-.144617754E+06  
-.136720071E+06 -.130495866E+06 -.125775334E+06 -.122424054E+06  
-.120343477E+06  
-.119472410E+06 -.119789845E+06 -.121319342E+06 -.124135178E+06  
-.128370370E+06

-.134226638E+06 -.141986173E+06 -.152024809E+06 -.164825686E+06  
-.180991676E+06  
-.201253603E+06 -.226469572E+06 -.257608641E+06 -.295710122E+06  
-.341809302E+06  
-.396823387E+06 -.461400837E+06 -.535754165E+06 -.619515368E+06  
-.711650705E+06  
-.810360273E+06 -.912187559E+06 -.100421676E+07 -.987466463E+06 -.294238260E-  
47  
-.140428700E-65 -.102967569E-65 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.878565559E+05 -.319084401E+06  
-.432984084E+06  
-.472355565E+06 -.468814299E+06 -.443044386E+06 -.407515248E+06  
-.369279041E+06  
-.332076877E+06 -.297724420E+06 -.266960252E+06 -.239943742E+06  
-.216539181E+06  
-.196474369E+06 -.179427138E+06 -.165071137E+06 -.153098945E+06  
-.143232820E+06  
-.135228932E+06 -.128878447E+06 -.124007340E+06 -.120476092E+06  
-.118179909E+06  
-.117049928E+06 -.117055685E+06 -.118209091E+06 -.120570104E+06  
-.124254234E+06  
-.129441975E+06 -.136390104E+06 -.145444584E+06 -.157054373E+06  
-.171784775E+06  
-.190327860E+06 -.213505927E+06 -.242261928E+06 -.277628614E+06  
-.320666796E+06  
-.372364481E+06 -.433495411E+06 -.504450209E+06 -.585074144E+06  
-.674558665E+06  
-.771391772E+06 -.873071580E+06 -.973287926E+06 -.103620224E+07  
-.709685989E+06  
-.143283339E-65 -.110738230E-65 -.165703265E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.901129053E+05 -.320584686E+06  
-.433807479E+06  
-.472655555E+06 -.468739667E+06 -.442711886E+06 -.407007554E+06  
-.368651274E+06  
-.331364195E+06 -.296948211E+06 -.266132556E+06 -.239070200E+06  
-.215620914E+06  
-.195509130E+06 -.178409959E+06 -.163994641E+06 -.151953413E+06  
-.142006063E+06  
-.133906001E+06 -.127441176E+06 -.122433725E+06 -.118739465E+06  
-.116247892E+06  
-.114883101E+06 -.114605926E+06 -.115417525E+06 -.117364588E+06  
-.120546331E+06  
-.125123373E+06 -.131328515E+06 -.139479253E+06 -.149991520E+06  
-.163393597E+06

-.180338176E+06 -.201609178E+06 -.228117957E+06 -.260881296E+06  
-.300971648E+06  
-.349430068E+06 -.407136698E+06 -.474645523E+06 -.552010187E+06  
-.638648329E+06  
-.733284812E+06 -.833880879E+06 -.936644847E+06 -.102690050E+07  
-.986878610E+06  
-.145587633E-47 -.117076712E-65 -.331155289E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.920607710E+05 -.321878541E+06  
-.434516232E+06  
-.472911935E+06 -.468672130E+06 -.442421143E+06 -.406564867E+06  
-.368104113E+06  
-.330742795E+06 -.296270917E+06 -.265409631E+06 -.238306368E+06  
-.214816977E+06  
-.194662946E+06 -.177517002E+06 -.163048257E+06 -.150944861E+06  
-.140924392E+06  
-.132737779E+06 -.126170071E+06 -.121039933E+06 -.117198958E+06  
-.114531455E+06  
-.112955114E+06 -.112422836E+06 -.112925951E+06 -.114498984E+06  
-.117226152E+06  
-.121249695E+06 -.126780101E+06 -.134108148E+06 -.143618418E+06  
-.155803476E+06  
-.171277095E+06 -.190783708E+06 -.215199431E+06 -.245517796E+06  
-.282811028E+06  
-.328156649E+06 -.382521561E+06 -.446604749E+06 -.520657576E+06  
-.604324153E+06  
-.696555733E+06 -.795597118E+06 -.898683230E+06 -.998670485E+06  
-.105222393E+07  
-.612901934E+06 -.122253333E-65 -.467193115E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.937346055E+05 -.322989433E+06  
-.435123780E+06  
-.473130335E+06 -.468611759E+06 -.442168470E+06 -.406181039E+06  
-.367629827E+06  
-.330203941E+06 -.295683162E+06 -.264781690E+06 -.237642180E+06  
-.214117089E+06  
-.193925357E+06 -.176737625E+06 -.162221134E+06 -.150062192E+06  
-.139976415E+06  
-.131712517E+06 -.125052954E+06 -.119813280E+06 -.115841296E+06  
-.113016647E+06  
-.111251255E+06 -.110490866E+06 -.110717921E+06 -.111955924E+06  
-.114275455E+06  
-.117801978E+06 -.122725505E+06 -.129312130E+06 -.137917199E+06  
-.148999519E+06  
-.163135361E+06 -.181029905E+06 -.203522180E+06 -.231577383E+06  
-.266258001E+06

-.308663362E+06 -.359827957E+06 -.420575145E+06 -.491337819E+06  
-.571981045E+06  
-.661682849E+06 -.758913268E+06 -.861380461E+06 -.964789813E+06  
-.105096257E+07  
-.963064640E+06 -.904520605E-62 -.579050079E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.951636600E+05 -.323937207E+06  
-.435641413E+06  
-.473315407E+06 -.468558484E+06 -.441950610E+06 -.405850724E+06  
-.367221730E+06  
-.329740092E+06 -.295176858E+06 -.264240287E+06 -.237068946E+06  
-.213512381E+06  
-.193287330E+06 -.176062630E+06 -.161503893E+06 -.149295812E+06  
-.139152275E+06  
-.130820042E+06 -.124079274E+06 -.118742767E+06 -.114654956E+06  
-.111691341E+06  
-.109758709E+06 -.108796430E+06 -.108779013E+06 -.109720100E+06  
-.111678047E+06  
-.114763219E+06 -.119147133E+06 -.125073451E+06 -.132870745E+06  
-.142966576E+06  
-.155901948E+06 -.172344220E+06 -.193095142E+06 -.219088639E+06  
-.251370461E+06  
-.291049543E+06 -.339210303E+06 -.396779102E+06 -.464349946E+06  
-.541996245E+06  
-.629121108E+06 -.724404872E+06 -.825825992E+06 -.930247479E+06  
-.102866478E+07  
-.105920905E+07 -.330217920E+06 -.670847873E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.963726294E+05 -.324738557E+06  
-.436078577E+06  
-.473470984E+06 -.468512151E+06 -.441764718E+06 -.405569316E+06  
-.366874082E+06  
-.329344783E+06 -.294745079E+06 -.263778195E+06 -.236579228E+06  
-.212995250E+06  
-.192741122E+06 -.175484132E+06 -.160888487E+06 -.148637484E+06  
-.138443505E+06  
-.130051610E+06 -.123239956E+06 -.117818924E+06 -.113630004E+06  
-.110545062E+06  
-.108466383E+06 -.107327734E+06 -.107096651E+06 -.107778090E+06  
-.109419616E+06  
-.112118240E+06 -.116029050E+06 -.121375704E+06 -.128462734E+06  
-.137689403E+06  
-.149564370E+06 -.164719625E+06 -.183920919E+06 -.208069971E+06  
-.238191308E+06  
-.275394005E+06 -.320797054E+06 -.375409105E+06 -.439962381E+06  
-.514719676E+06

-.599300367E+06 -.692590307E+06 -.792764735E+06 -.897199344E+06  
-.100048197E+07  
-.107494177E+07 -.852282153E+06 -.745835273E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.973821909E+05 -.325407423E+06  
-.436443123E+06  
-.473600207E+06 -.468472564E+06 -.441608344E+06 -.405332890E+06  
-.366582008E+06  
-.329012532E+06 -.294381952E+06 -.263389281E+06 -.236166716E+06  
-.212559250E+06  
-.192280162E+06 -.174995435E+06 -.160368081E+06 -.148080205E+06  
-.137842906E+06  
-.129399782E+06 -.122527270E+06 -.117033677E+06 -.112757958E+06  
-.109568852E+06  
-.107364763E+06 -.106074629E+06 -.105659965E+06 -.106118224E+06  
-.107487628E+06  
-.109853605E+06 -.113356957E+06 -.118203873E+06 -.124677793E+06  
-.133152973E+06  
-.144109185E+06 -.158146358E+06 -.175996786E+06 -.198530832E+06  
-.226749674E+06  
-.261755879E+06 -.304690438E+06 -.356625364E+06 -.418407496E+06  
-.490465483E+06  
-.572618384E+06 -.663950423E+06 -.762808072E+06 -.866832606E+06  
-.972128312E+06  
-.106431909E+07 -.102374048E+07 -.168631779E-47 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.982094522E+05 -.325955306E+06  
-.436741502E+06  
-.473705630E+06 -.468439511E+06 -.441479412E+06 -.405138149E+06  
-.366341424E+06  
-.328738752E+06 -.294082563E+06 -.263068419E+06 -.235826131E+06  
-.212198982E+06  
-.191898950E+06 -.174590931E+06 -.159936947E+06 -.147618107E+06  
-.137344437E+06  
-.128858311E+06 -.121934721E+06 -.116380234E+06 -.112031674E+06  
-.108755149E+06  
-.106445799E+06 -.105028497E+06 -.104459686E+06 -.104730491E+06  
-.105871249E+06  
-.107957590E+06 -.111118210E+06 -.115544449E+06 -.121501746E+06  
-.129342890E+06  
-.139522659E+06 -.152612897E+06 -.169316026E+06 -.190473444E+06  
-.217062971E+06  
-.250176702E+06 -.290968032E+06 -.340555922E+06 -.399878984E+06  
-.469505596E+06  
-.549431230E+06 -.638923942E+06 -.736487480E+06 -.839927962E+06  
-.946033490E+06

-.104606694E+07 -.107951877E+07 -.350724567E+06 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.988683177E+05 -.326391536E+06  
-.436978929E+06  
-.473789294E+06 -.468412785E+06 -.441376202E+06 -.404982381E+06  
-.366148977E+06  
-.328519679E+06 -.293842883E+06 -.262811401E+06 -.235553141E+06  
-.211910020E+06  
-.191592969E+06 -.174266014E+06 -.159590377E+06 -.147246364E+06  
-.136943130E+06  
-.128422054E+06 -.121456958E+06 -.115852993E+06 -.111445248E+06  
-.108097693E+06  
-.105702811E+06 -.104182166E+06 -.103488067E+06 -.103606481E+06  
-.104561311E+06  
-.106420184E+06 -.109301886E+06 -.113385580E+06 -.118921892E+06  
-.126245866E+06  
-.135791491E+06 -.148107027E+06 -.163869444E+06 -.183894828E+06  
-.209139447E+06  
-.240683383E+06 -.279685719E+06 -.327298797E+06 -.384531918E+06  
-.452066204E+06  
-.530045454E+06 -.617899106E+06 -.714272395E+06 -.817089873E+06  
-.923466309E+06  
-.102722038E+07 -.109346872E+07 -.757941557E+06 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.993697845E+05 -.326723482E+06  
-.437159512E+06  
-.473852794E+06 -.468392205E+06 -.441297332E+06 -.404863417E+06  
-.366001993E+06  
-.328352311E+06 -.293659701E+06 -.262614876E+06 -.235344295E+06  
-.211688831E+06  
-.191358616E+06 -.174017007E+06 -.159324614E+06 -.146961122E+06  
-.136635013E+06  
-.128086901E+06 -.121089699E+06 -.115447464E+06 -.110993945E+06  
-.107591455E+06  
-.105130420E+06 -.103529840E+06 -.102738824E+06 -.102739339E+06  
-.103550298E+06  
-.105233114E+06 -.107898873E+06 -.111717252E+06 -.116927315E+06  
-.123850210E+06  
-.132903563E+06 -.144616942E+06 -.159646920E+06 -.178788919E+06  
-.202980949E+06  
-.233291584E+06 -.270881463E+06 -.316925535E+06 -.372484941E+06  
-.438326939E+06  
-.514712657E+06 -.601204048E+06 -.696566917E+06 -.798819183E+06  
-.905248682E+06  
-.101090740E+07 -.109266353E+07 -.927215794E+06 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.997221756E+05 -.326956710E+06  
-.437286348E+06  
-.473897327E+06 -.468377618E+06 -.441241742E+06 -.404779604E+06  
-.365898433E+06  
-.328234364E+06 -.293530570E+06 -.262476290E+06 -.235196961E+06  
-.211532724E+06  
-.191193145E+06 -.173841110E+06 -.159136794E+06 -.146759440E+06  
-.136417057E+06  
-.127849711E+06 -.120829672E+06 -.115160216E+06 -.110674140E+06  
-.107232577E+06  
-.104724491E+06 -.103067056E+06 -.102207102E+06 -.102123747E+06  
-.102832349E+06  
-.104389890E+06 -.106901959E+06 -.110531457E+06 -.115509173E+06  
-.122146283E+06  
-.130848630E+06 -.142132255E+06 -.156638855E+06 -.175148584E+06  
-.198585616E+06  
-.228009147E+06 -.264579360E+06 -.309485476E+06 -.363823829E+06  
-.428422177E+06  
-.503626358E+06 -.589096972E+06 -.683692975E+06 -.785504518E+06  
-.891920124E+06  
-.998611564E+06 -.108807577E+07 -.100095128E+07 -.389097809E-62  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.999313145E+05 -.327095113E+06  
-.437361599E+06  
-.473923721E+06 -.468368912E+06 -.441208685E+06 -.404729776E+06  
-.365836864E+06  
-.328164232E+06 -.293453771E+06 -.262393848E+06 -.235109293E+06  
-.211439808E+06  
-.191094626E+06 -.173736352E+06 -.159024899E+06 -.146639251E+06  
-.136287128E+06  
-.127708273E+06 -.120674569E+06 -.114988828E+06 -.110483273E+06  
-.107018334E+06  
-.104482098E+06 -.102790647E+06 -.101889446E+06 -.101755910E+06  
-.102403263E+06  
-.103885836E+06 -.106305921E+06 -.109822353E+06 -.114660952E+06  
-.121126892E+06  
-.129618913E+06 -.140644874E+06 -.154837425E+06 -.172967363E+06  
-.195950246E+06  
-.224839178E+06 -.260793440E+06 -.305010042E+06 -.358605671E+06  
-.422443925E+06  
-.496921819E+06 -.581760852E+06 -.675879155E+06 -.777413751E+06  
-.883808889E+06  
-.991032265E+06 -.108416978E+07 -.103236593E+07 -.523594927E-48  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.100000647E+06 -.327140994E+06  
-.437386542E+06  
-.473932465E+06 -.468366018E+06 -.441197715E+06 -.404713244E+06  
-.365816435E+06  
-.328140959E+06 -.293428284E+06 -.262366485E+06 -.235080191E+06  
-.211408960E+06  
-.191061914E+06 -.173701562E+06 -.158987733E+06 -.146599323E+06  
-.136243959E+06  
-.127661272E+06 -.120623020E+06 -.114931858E+06 -.110419819E+06  
-.106947100E+06  
-.104401494E+06 -.102698720E+06 -.101783790E+06 -.101633550E+06  
-.102260515E+06  
-.103718132E+06 -.106107595E+06 -.109586384E+06 -.114378659E+06  
-.120787595E+06  
-.129209558E+06 -.140149667E+06 -.154237538E+06 -.172240815E+06  
-.195072134E+06  
-.223782492E+06 -.259530760E+06 -.303516419E+06 -.356862807E+06  
-.420445389E+06  
-.494678300E+06 -.579303638E+06 -.673259854E+06 -.774700306E+06  
-.881087391E+06  
-.988476971E+06 -.108271079E+07 -.104114242E+07 -.129434046E-47  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.999313145E+05 -.327095113E+06  
-.437361599E+06  
-.473923721E+06 -.468368912E+06 -.441208685E+06 -.404729776E+06  
-.365836864E+06  
-.328164232E+06 -.293453771E+06 -.262393848E+06 -.235109293E+06  
-.211439808E+06  
-.191094626E+06 -.173736352E+06 -.159024899E+06 -.146639251E+06  
-.136287128E+06  
-.127708273E+06 -.120674569E+06 -.114988828E+06 -.110483273E+06  
-.107018334E+06  
-.104482098E+06 -.102790647E+06 -.101889446E+06 -.101755910E+06  
-.102403263E+06  
-.103885836E+06 -.106305921E+06 -.109822353E+06 -.114660952E+06  
-.121126892E+06  
-.129618913E+06 -.140644874E+06 -.154837425E+06 -.172967363E+06  
-.195950246E+06  
-.224839178E+06 -.260793440E+06 -.305010042E+06 -.358605671E+06  
-.422443925E+06  
-.496921819E+06 -.581760852E+06 -.675879155E+06 -.777413751E+06  
-.883808889E+06  
-.991032265E+06 -.108416978E+07 -.103236593E+07 -.523594927E-48  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00



.000000000E+00 .000000000E+00 -.997221756E+05 -.326956710E+06  
-.437286348E+06  
-.473897327E+06 -.468377618E+06 -.441241742E+06 -.404779604E+06  
-.365898433E+06  
-.328234364E+06 -.293530570E+06 -.262476290E+06 -.235196961E+06  
-.211532724E+06  
-.191193145E+06 -.173841110E+06 -.159136794E+06 -.146759440E+06  
-.136417057E+06  
-.127849711E+06 -.120829672E+06 -.115160216E+06 -.110674140E+06  
-.107232577E+06  
-.104724491E+06 -.103067056E+06 -.102207102E+06 -.102123747E+06  
-.102832349E+06  
-.104389890E+06 -.106901959E+06 -.110531457E+06 -.115509173E+06  
-.122146283E+06  
-.130848630E+06 -.142132255E+06 -.156638855E+06 -.175148584E+06  
-.198585616E+06  
-.228009147E+06 -.264579360E+06 -.309485476E+06 -.363823829E+06  
-.428422177E+06  
-.503626358E+06 -.589096972E+06 -.683692975E+06 -.785504518E+06  
-.891920124E+06  
-.998611564E+06 -.108807577E+07 -.100095128E+07 -.389097809E-62  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.993697845E+05 -.326723482E+06  
-.437159512E+06  
-.473852794E+06 -.468392205E+06 -.441297332E+06 -.404863417E+06  
-.366001993E+06  
-.328352311E+06 -.293659701E+06 -.262614876E+06 -.235344295E+06  
-.211688831E+06  
-.191358616E+06 -.174017007E+06 -.159324614E+06 -.146961122E+06  
-.136635013E+06  
-.128086901E+06 -.121089699E+06 -.115447464E+06 -.110993945E+06  
-.107591455E+06  
-.105130420E+06 -.103529840E+06 -.102738824E+06 -.102739339E+06  
-.103550298E+06  
-.105233114E+06 -.107898873E+06 -.111717252E+06 -.116927315E+06  
-.123850210E+06  
-.132903563E+06 -.144616942E+06 -.159646920E+06 -.178788919E+06  
-.202980949E+06  
-.233291584E+06 -.270881463E+06 -.316925535E+06 -.372484941E+06  
-.438326939E+06  
-.514712657E+06 -.601204048E+06 -.696566917E+06 -.798819183E+06  
-.905248682E+06  
-.101090740E+07 -.109266353E+07 -.927215794E+06 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.988683177E+05 -.326391536E+06  
-.436978929E+06

-.473789294E+06 -.468412785E+06 -.441376202E+06 -.404982381E+06  
-.366148977E+06  
-.328519679E+06 -.293842883E+06 -.262811401E+06 -.235553141E+06  
-.211910020E+06  
-.191592969E+06 -.174266014E+06 -.159590377E+06 -.147246364E+06  
-.136943130E+06  
-.128422054E+06 -.121456958E+06 -.115852993E+06 -.111445248E+06  
-.108097693E+06  
-.105702811E+06 -.104182166E+06 -.103488067E+06 -.103606481E+06  
-.104561311E+06  
-.106420184E+06 -.109301886E+06 -.113385580E+06 -.118921892E+06  
-.126245866E+06  
-.135791491E+06 -.148107027E+06 -.163869444E+06 -.183894828E+06  
-.209139447E+06  
-.240683383E+06 -.279685719E+06 -.327298797E+06 -.384531918E+06  
-.452066204E+06  
-.530045454E+06 -.617899106E+06 -.714272395E+06 -.817089873E+06  
-.923466309E+06  
-.102722038E+07 -.109346872E+07 -.757941557E+06 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.982094522E+05 -.325955306E+06  
-.436741502E+06  
-.473705630E+06 -.468439511E+06 -.441479412E+06 -.405138149E+06  
-.366341424E+06  
-.328738752E+06 -.294082563E+06 -.263068419E+06 -.235826131E+06  
-.212198982E+06  
-.191898950E+06 -.174590931E+06 -.159936947E+06 -.147618107E+06  
-.137344437E+06  
-.128858311E+06 -.121934721E+06 -.116380234E+06 -.112031674E+06  
-.108755149E+06  
-.106445799E+06 -.105028497E+06 -.104459686E+06 -.104730491E+06  
-.105871249E+06  
-.107957590E+06 -.111118210E+06 -.115544449E+06 -.121501746E+06  
-.129342890E+06  
-.139522659E+06 -.152612897E+06 -.169316026E+06 -.190473444E+06  
-.217062971E+06  
-.250176702E+06 -.290968032E+06 -.340555922E+06 -.399878984E+06  
-.469505596E+06  
-.549431230E+06 -.638923942E+06 -.736487480E+06 -.839927962E+06  
-.946033490E+06  
-.104606694E+07 -.107951877E+07 -.350724567E+06 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.973821909E+05 -.325407423E+06  
-.436443123E+06  
-.473600207E+06 -.468472564E+06 -.441608344E+06 -.405332890E+06  
-.366582008E+06

-.329012532E+06 -.294381952E+06 -.263389281E+06 -.236166716E+06  
-.212559250E+06  
-.192280162E+06 -.174995435E+06 -.160368081E+06 -.148080205E+06  
-.137842906E+06  
-.129399782E+06 -.122527270E+06 -.117033677E+06 -.112757958E+06  
-.109568852E+06  
-.107364763E+06 -.106074629E+06 -.105659965E+06 -.106118224E+06  
-.107487628E+06  
-.109853605E+06 -.113356957E+06 -.118203873E+06 -.124677793E+06  
-.133152973E+06  
-.144109185E+06 -.158146358E+06 -.175996786E+06 -.198530832E+06  
-.226749674E+06  
-.261755879E+06 -.304690438E+06 -.356625364E+06 -.418407496E+06  
-.490465483E+06  
-.572618384E+06 -.663950423E+06 -.762808072E+06 -.866832606E+06  
-.972128312E+06  
-.106431909E+07 -.102374048E+07 -.168631779E-47 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.963726294E+05 -.324738557E+06  
-.436078577E+06  
-.473470984E+06 -.468512151E+06 -.441764718E+06 -.405569316E+06  
-.366874082E+06  
-.329344783E+06 -.294745079E+06 -.263778195E+06 -.236579228E+06  
-.212995250E+06  
-.192741122E+06 -.175484132E+06 -.160888487E+06 -.148637484E+06  
-.138443505E+06  
-.130051610E+06 -.123239956E+06 -.117818924E+06 -.113630004E+06  
-.110545062E+06  
-.108466383E+06 -.107327734E+06 -.107096651E+06 -.107778090E+06  
-.109419616E+06  
-.112118240E+06 -.116029050E+06 -.121375704E+06 -.128462734E+06  
-.137689403E+06  
-.149564370E+06 -.164719625E+06 -.183920919E+06 -.208069971E+06  
-.238191308E+06  
-.275394005E+06 -.320797054E+06 -.375409105E+06 -.439962381E+06  
-.514719676E+06  
-.599300367E+06 -.692590307E+06 -.792764735E+06 -.897199344E+06  
-.100048197E+07  
-.107494177E+07 -.852282153E+06 -.745835273E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.951636600E+05 -.323937207E+06  
-.435641413E+06  
-.473315407E+06 -.468558484E+06 -.441950610E+06 -.405850724E+06  
-.367221730E+06  
-.329740092E+06 -.295176858E+06 -.264240287E+06 -.237068946E+06  
-.213512381E+06

-.193287330E+06 -.176062630E+06 -.161503893E+06 -.149295812E+06  
-.139152275E+06  
-.130820042E+06 -.124079274E+06 -.118742767E+06 -.114654956E+06  
-.111691341E+06  
-.109758709E+06 -.108796430E+06 -.108779013E+06 -.109720100E+06  
-.111678047E+06  
-.114763219E+06 -.119147133E+06 -.125073451E+06 -.132870745E+06  
-.142966576E+06  
-.155901948E+06 -.172344220E+06 -.193095142E+06 -.219088639E+06  
-.251370461E+06  
-.291049543E+06 -.339210303E+06 -.396779102E+06 -.464349946E+06  
-.541996245E+06  
-.629121108E+06 -.724404872E+06 -.825825992E+06 -.930247479E+06  
-.102866478E+07  
-.105920905E+07 -.330217920E+06 -.670847873E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.937346055E+05 -.322989433E+06  
-.435123780E+06  
-.473130335E+06 -.468611759E+06 -.442168470E+06 -.406181039E+06  
-.367629827E+06  
-.330203941E+06 -.295683162E+06 -.264781690E+06 -.237642180E+06  
-.214117089E+06  
-.193925357E+06 -.176737625E+06 -.162221134E+06 -.150062192E+06  
-.139976415E+06  
-.131712517E+06 -.125052954E+06 -.119813280E+06 -.115841296E+06  
-.113016647E+06  
-.111251255E+06 -.110490866E+06 -.110717921E+06 -.111955924E+06  
-.114275455E+06  
-.117801978E+06 -.122725505E+06 -.129312130E+06 -.137917199E+06  
-.148999519E+06  
-.163135361E+06 -.181029905E+06 -.203522180E+06 -.231577383E+06  
-.266258001E+06  
-.308663362E+06 -.359827957E+06 -.420575145E+06 -.491337819E+06  
-.571981045E+06  
-.661682849E+06 -.758913268E+06 -.861380461E+06 -.964789813E+06  
-.105096257E+07  
-.963064640E+06 -.904520605E-62 -.579050079E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.920607710E+05 -.321878541E+06  
-.434516232E+06  
-.472911935E+06 -.468672130E+06 -.442421143E+06 -.406564867E+06  
-.368104113E+06  
-.330742795E+06 -.296270917E+06 -.265409631E+06 -.238306368E+06  
-.214816977E+06  
-.194662946E+06 -.177517002E+06 -.163048257E+06 -.150944861E+06  
-.140924392E+06

-.132737779E+06 -.126170071E+06 -.121039933E+06 -.117198958E+06  
-.114531455E+06  
-.112955114E+06 -.112422836E+06 -.112925951E+06 -.114498984E+06  
-.117226152E+06  
-.121249695E+06 -.126780101E+06 -.134108148E+06 -.143618418E+06  
-.155803476E+06  
-.171277095E+06 -.190783708E+06 -.215199431E+06 -.245517796E+06  
-.282811028E+06  
-.328156649E+06 -.382521561E+06 -.446604749E+06 -.520657576E+06  
-.604324153E+06  
-.696555733E+06 -.795597118E+06 -.898683230E+06 -.998670485E+06  
-.105222393E+07  
-.612901934E+06 -.122253333E-65 -.467193115E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .901129053E+05 -.320584686E+06  
-.433807479E+06  
-.472655555E+06 -.468739667E+06 -.442711886E+06 -.407007554E+06  
-.368651274E+06  
-.331364195E+06 -.296948211E+06 -.266132556E+06 -.239070200E+06  
-.215620914E+06  
-.195509130E+06 -.178409959E+06 -.163994641E+06 -.151953413E+06  
-.142006063E+06  
-.133906001E+06 -.127441176E+06 -.122433725E+06 -.118739465E+06  
-.116247892E+06  
-.114883101E+06 -.114605926E+06 -.115417525E+06 -.117364588E+06  
-.120546331E+06  
-.125123373E+06 -.131328515E+06 -.139479253E+06 -.149991520E+06  
-.163393597E+06  
-.180338176E+06 -.201609178E+06 -.228117957E+06 -.260881296E+06  
-.300971648E+06  
-.349430068E+06 -.407136698E+06 -.474645523E+06 -.552010187E+06  
-.638648329E+06  
-.733284812E+06 -.833880879E+06 -.936644847E+06 -.102690050E+07  
-.986878610E+06  
-.145587633E-47 -.117076712E-65 -.331155289E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.878565559E+05 -.319084401E+06  
-.432984084E+06  
-.472355565E+06 -.468814299E+06 -.443044386E+06 -.407515248E+06  
-.369279041E+06  
-.332076877E+06 -.297724420E+06 -.266960252E+06 -.239943742E+06  
-.216539181E+06  
-.196474369E+06 -.179427138E+06 -.165071137E+06 -.153098945E+06  
-.143232820E+06  
-.135228932E+06 -.128878447E+06 -.124007340E+06 -.120476092E+06  
-.118179909E+06

-.117049928E+06 -.117055685E+06 -.118209091E+06 -.120570104E+06  
-.124254234E+06  
-.129441975E+06 -.136390104E+06 -.145444584E+06 -.157054373E+06  
-.171784775E+06  
-.190327860E+06 -.213505927E+06 -.242261928E+06 -.277628614E+06  
-.320666796E+06  
-.372364481E+06 -.433495411E+06 -.504450209E+06 -.585074144E+06  
-.674558665E+06  
-.771391772E+06 -.873071580E+06 -.973287926E+06 -.103620224E+07  
-.709685989E+06  
-.143283339E-65 -.110738230E-65 -.165703265E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .852513024E+05 -.317350021E+06  
-.432030092E+06  
-.472005151E+06 -.468895737E+06 -.443422771E+06 -.408094971E+06  
-.369996294E+06  
-.332890900E+06 -.298610348E+06 -.267904001E+06 -.240938599E+06  
-.217583617E+06  
-.197570708E+06 -.180580790E+06 -.166290225E+06 -.154394214E+06  
-.144617754E+06  
-.136720071E+06 -.130495866E+06 -.125775334E+06 -.122424054E+06  
-.120343477E+06  
-.119472410E+06 -.119789845E+06 -.121319342E+06 -.124135178E+06  
-.128370370E+06  
-.134226638E+06 -.141986173E+06 -.152024809E+06 -.164825686E+06  
-.180991676E+06  
-.201253603E+06 -.226469572E+06 -.257608641E+06 -.295710122E+06  
-.341809302E+06  
-.396823387E+06 -.461400837E+06 -.535754165E+06 -.619515368E+06  
-.711650705E+06  
-.810360273E+06 -.912187559E+06 -.100421676E+07 -.987466463E+06 -.294238260E-  
47  
-.140428700E-65 -.102967569E-65 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .822498479E+05 -.315348998E+06  
-.430926578E+06  
-.471596064E+06 -.468983370E+06 -.443851611E+06 -.408754687E+06  
-.370813176E+06  
-.333817787E+06 -.299618387E+06 -.268976751E+06 -.242068084E+06  
-.218767805E+06  
-.198811956E+06 -.181884952E+06 -.167666201E+06 -.155853821E+06  
-.146175846E+06  
-.138394853E+06 -.132309420E+06 -.127754335E+06 -.124600731E+06  
-.122756822E+06  
-.122169709E+06 -.122828574E+06 -.124769484E+06 -.128082019E+06  
-.132917804E+06

-.139500959E+06 -.148140256E+06 -.159242398E+06 -.173325263E+06  
-.191028976E+06  
-.213121315E+06 -.240492095E+06 -.274129152E+06 -.315067054E+06  
-.364300199E+06  
-.422657016E+06 -.490643795E+06 -.568284664E+06 -.654997498E+06  
-.749512763E+06  
-.849582322E+06 -.949493141E+06 -.101813890E+07 -.760915514E+06 -.233219793E-  
63

-.136856676E-65 -.934196136E-66 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.787969487E+05 -.313043074E+06  
-.429651089E+06  
-.471118294E+06 -.469076124E+06 -.444335900E+06 -.409503378E+06  
-.371741226E+06  
-.334870691E+06 -.300762703E+06 -.270193304E+06 -.243347419E+06  
-.220107264E+06  
-.200213885E+06 -.183355646E+06 -.169215373E+06 -.157494424E+06  
-.147924174E+06  
-.140270875E+06 -.134337322E+06 -.129963290E+06 -.127025910E+06  
-.125440681E+06  
-.125163612E+06 -.126194775E+06 -.128583554E+06 -.132435731E+06  
-.137922503E+06  
-.145291359E+06 -.154878500E+06 -.167122025E+06 -.182574426E+06  
-.201911836E+06  
-.225935949E+06 -.255562653E+06 -.291789544E+06 -.335633591E+06  
-.388032166E+06  
-.449707773E+06 -.521010720E+06 -.601770938E+06 -.691190639E+06  
-.787716780E+06  
-.888228298E+06 -.981344666E+06 -.983712733E+06 -.282366919E-38 -.148572782E-  
65

-.132380646E-65 -.816518595E-66 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.748281558E+05 -.310387285E+06  
-.428176957E+06  
-.470559664E+06 -.469172266E+06 -.444881025E+06 -.410351108E+06  
-.372793509E+06  
-.336064571E+06 -.302059434E+06 -.271570536E+06 -.244793951E+06  
-.221619679E+06  
-.201794455E+06 -.185011110E+06 -.170956293E+06 -.159334957E+06  
-.149882150E+06  
-.142368130E+06 -.136600268E+06 -.132423721E+06 -.129722066E+06  
-.128418608E+06  
-.128478848E+06 -.129914424E+06 -.132788779E+06 -.137224699E+06  
-.143413758E+06  
-.151627536E+06 -.162230148E+06 -.175691088E+06 -.192596608E+06  
-.213656604E+06

-.239702386E+06 -.271668818E+06 -.310552757E+06 -.357339673E+06  
-.412893807E+06  
-.477816455E+06 -.552291921E+06 -.635953177E+06 -.727774416E+06  
-.825778767E+06  
-.924897527E+06 -.998978179E+06 -.813035188E+06 -.339847588E-62 -.146641942E-  
65  
-.126760336E-65 -.670941433E-66 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.702683463E+05 -.307328777E+06  
-.426472461E+06  
-.469905309E+06 -.469269149E+06 -.445492692E+06 -.411309085E+06  
-.373984763E+06  
-.337416383E+06 -.303526913E+06 -.273127628E+06 -.246427404E+06  
-.223325143E+06  
-.203574062E+06 -.186872039E+06 -.172910005E+06 -.161396893E+06  
-.152071779E+06  
-.144709280E+06 -.139121713E+06 -.135160019E+06 -.132714674E+06  
-.131717294E+06  
-.132143441E+06 -.134016949E+06 -.137415993E+06 -.142481041E+06  
-.149424667E+06  
-.158542990E+06 -.170228116E+06 -.184980364E+06 -.203418098E+06  
-.226281715E+06  
-.254426605E+06 -.288798169E+06 -.330380876E+06 -.380114310E+06  
-.438774352E+06  
-.506828521E+06 -.584288898E+06 -.670588332E+06 -.764431191E+06  
-.863072248E+06  
-.956865231E+06 -.980109919E+06 -.236311437E+06 -.149972038E-65 -.144104769E-  
65  
-.119684717E-65 -.490079029E-66 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.650300235E+05 -.303805374E+06  
-.424499782E+06  
-.469137013E+06 -.469362854E+06 -.446176803E+06 -.412389699E+06  
-.375331541E+06  
-.338945292E+06 -.305185910E+06 -.274886334E+06 -.248270140E+06  
-.225246431E+06  
-.205575810E+06 -.188961865E+06 -.175100320E+06 -.163704515E+06  
-.154517940E+06  
-.147319943E+06 -.141928171E+06 -.138199763E+06 -.136032542E+06  
-.135366931E+06  
-.136189100E+06 -.138535652E+06 -.142500084E+06 -.148241094E+06  
-.155992671E+06  
-.166075612E+06 -.178909655E+06 -.195024751E+06 -.215068921E+06  
-.239808777E+06  
-.270117077E+06 -.306940180E+06 -.351237731E+06 -.403889171E+06  
-.465568374E+06



-.536599633E+06 -.616819150E+06 -.705448178E+06 -.800808580E+06  
-.898565403E+06  
-.977933052E+06 -.866364253E+06 -.936513028E-62 -.149069395E-65 -.140783911E-  
65  
-.110748843E-65 -.264310347E-66 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.590113771E+05 -.299743886E+06  
-.422213715E+06  
-.468232356E+06 -.469447720E+06 -.446939277E+06 -.413606537E+06  
-.376852351E+06  
-.340672883E+06 -.307059897E+06 -.276871262E+06 -.250347461E+06  
-.227409297E+06  
-.207825808E+06 -.191307047E+06 -.177554109E+06 -.166285216E+06  
-.157248690E+06  
-.150229009E+06 -.145049548E+06 -.141574064E+06 -.139708178E+06  
-.139401604E+06  
-.140651629E+06 -.143508152E+06 -.148080481E+06 -.154545944E+06  
-.163160132E+06  
-.174268324E+06 -.188317058E+06 -.205864090E+06 -.227583808E+06  
-.254263759E+06  
-.286786308E+06 -.326088273E+06 -.373091677E+06 -.428602217E+06  
-.493180188E+06  
-.567000075E+06 -.649718107E+06 -.740309927E+06 -.836452343E+06  
-.930327211E+06  
-.973485805E+06 -.497744931E+06 -.176709152E-64 -.147734361E-65 -.136447348E-  
65  
-.994223345E-66 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.520941339E+05 -.295058095E+06  
-.419560065E+06  
-.467163609E+06 -.469515703E+06 -.447785762E+06 -.414974347E+06  
-.378567785E+06  
-.342623393E+06 -.309175321E+06 -.279110177E+06 -.252687916E+06  
-.229842792E+06  
-.210353488E+06 -.193937391E+06 -.180301625E+06 -.169169823E+06  
-.160295595E+06  
-.153468974E+06 -.148519484E+06 -.145317928E+06 -.143778173E+06  
-.143859695E+06  
-.145571373E+06 -.148976860E+06 -.154201668E+06 -.161441980E+06  
-.170974936E+06  
-.183169741E+06 -.198498407E+06 -.217544007E+06 -.241003195E+06  
-.269678244E+06  
-.304452439E+06 -.346241937E+06 -.395918366E+06 -.454201186E+06  
-.521527684E+06  
-.597917487E+06 -.682835869E+06 -.774926292E+06 -.870627594E+06  
-.954216795E+06

-.907551614E+06 -.218583018E-48 -.148096476E-65 -.145827834E-65 -.130789590E-65  
-.850062211E-66 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.441413140E+05 -.289646422E+06  
-.416473639E+06  
-.465896305E+06 -.469555505E+06 -.448721219E+06 -.416508938E+06  
-.380500618E+06  
-.344823924E+06 -.311561895E+06 -.281634320E+06 -.255323642E+06  
-.232579602E+06  
-.213191941E+06 -.196886385E+06 -.183376836E+06 -.172392930E+06  
-.163694068E+06  
-.157076295E+06 -.152375723E+06 -.149470639E+06 -.148283607E+06  
-.148784311E+06  
-.150993668E+06 -.154989467E+06 -.160913696E+06 -.168981451E+06  
-.179491090E+06  
-.192834823E+06 -.209508291E+06 -.230116743E+06 -.255374205E+06  
-.286090623E+06  
-.323140798E+06 -.367408759E+06 -.419703378E+06 -.480646742E+06  
-.550545454E+06  
-.629258046E+06 -.716029467E+06 -.808974875E+06 -.901990473E+06  
-.961079177E+06  
-.692176247E+06 -.385992974E-63 -.147551252E-65 -.143165803E-65 -.123405794E-65  
-.665735099E-66 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.349952491E+05 -.283389257E+06  
-.412875709E+06  
-.464387334E+06 -.469551403E+06 -.449749324E+06 -.418226977E+06  
-.382675854E+06  
-.347304642E+06 -.314252871E+06 -.284478736E+06 -.258290700E+06  
-.235656396E+06  
-.216378267E+06 -.200191548E+06 -.186817773E+06 -.175993252E+06  
-.167483730E+06  
-.161091755E+06 -.156660488E+06 -.154076155E+06 -.153270456E+06  
-.154223722E+06  
-.156969297E+06 -.161599420E+06 -.168272700E+06 -.177223002E+06  
-.188769300E+06  
-.203325486E+06 -.221408470E+06 -.243641887E+06 -.270751505E+06  
-.303547167E+06  
-.342885258E+06 -.389606188E+06 -.444444431E+06 -.507914972E+06  
-.580186729E+06  
-.660944702E+06 -.749143997E+06 -.841948210E+06 -.927843769E+06  
-.929878972E+06  
-.988606584E+05 -.144907828E-64 -.146560909E-65 -.139503134E-65 -.113755886E-65

-.428868388E-66 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.244769338E+05 -.276146050E+06  
-.408670706E+06  
-.462582407E+06 -.469481626E+06 -.450871590E+06 -.420145623E+06  
-.385120687E+06  
-.350098929E+06 -.317285305E+06 -.287682581E+06 -.261629421E+06  
-.239114177E+06  
-.219953932E+06 -.203894784E+06 -.190666890E+06 -.180013983E+06  
-.171708769E+06  
-.165560832E+06 -.161420867E+06 -.159183498E+06 -.158790010E+06  
-.160231785E+06  
-.163554940E+06 -.168866391E+06 -.176341370E+06 -.186232169E+06  
-.198877469E+06  
-.214711118E+06 -.234268416E+06 -.258186963E+06 -.287197972E+06  
-.322102822E+06  
-.363729257E+06 -.412862822E+06 -.470152894E+06 -.535998753E+06  
-.610423257E+06  
-.692910417E+06 -.781973574E+06 -.872920419E+06 -.942460527E+06  
-.813695473E+06  
-.990505629E-62 -.145576995E-65 -.144970149E-65 -.134510976E-65 -.101114550E-  
65  
-.122836794E-66 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.123902159E+05 -.267752090E+06  
-.403741659E+06  
-.460412533E+06 -.469316133E+06 -.452086125E+06 -.422281933E+06  
-.387864310E+06  
-.353243434E+06 -.320700250E+06 -.291289403E+06 -.265384720E+06  
-.242998619E+06  
-.223965109E+06 -.208042733E+06 -.194971410E+06 -.184503152E+06  
-.176418308E+06  
-.170534071E+06 -.166709186E+06 -.164847152E+06 -.164899268E+06  
-.166868355E+06  
-.170813593E+06 -.176856696E+06 -.185189383E+06 -.196081794E+06  
-.209891102E+06  
-.227068969E+06 -.248165677E+06 -.273827786E+06 -.304785069E+06  
-.341821640E+06  
-.385726308E+06 -.437218984E+06 -.496854185E+06 -.564907175E+06  
-.641241265E+06  
-.725081511E+06 -.814186895E+06 -.900105557E+06 -.933407639E+06  
-.499017776E+06  
-.275188955E-64 -.145209032E-65 -.142569575E-65 -.127745060E-65 -.845010761E-  
66  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 -.375334497E-35 -.258013353E+06  
-.397943134E+06  
-.457789030E+06 -.469013485E+06 -.453385799E+06 -.424651884E+06  
-.390937483E+06  
-.356777981E+06 -.324542857E+06 -.295347352E+06 -.269606367E+06  
-.247360373E+06  
-.228463001E+06 -.212687099E+06 -.199783665E+06 -.189513966E+06  
-.181666747E+06  
-.176067439E+06 -.172583381E+06 -.171127426E+06 -.171661320E+06  
-.174199668E+06  
-.178814939E+06 -.185643665E+06 -.194893738E+06 -.206852332E+06  
-.221893565E+06  
-.240484339E+06 -.263186004E+06 -.290648517E+06 -.323592830E+06  
-.362776717E+06  
-.408939861E+06 -.462726356E+06 -.524586669E+06 -.594661969E+06  
-.672629370E+06  
-.757331854E+06 -.845117717E+06 -.919638782E+06 -.872288431E+06 -.119628260E-  
47  
-.122171958E-64 -.144329694E-65 -.139074710E-65 -.118600941E-65 -.625803205E-  
66  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.246686700E+06  
-.391088890E+06  
-.454596290E+06 -.468516432E+06 -.454755577E+06 -.427268834E+06  
-.394371716E+06  
-.360745202E+06 -.328862292E+06 -.299909263E+06 -.274349172E+06  
-.252255302E+06  
-.233504110E+06 -.217884942E+06 -.205161400E+06 -.195105117E+06  
-.187514086E+06  
-.182222653E+06 -.179107322E+06 -.178090794E+06 -.179145672E+06  
-.182298657E+06  
-.187635652E+06 -.195307904E+06 -.205538977E+06 -.218632005E+06  
-.234976150E+06  
-.255050541E+06 -.279423178E+06 -.308741346E+06 -.343709395E+06  
-.385049537E+06  
-.433442386E+06 -.489446502E+06 -.553398721E+06 -.625290423E+06  
-.704557550E+06  
-.789403800E+06 -.873375608E+06 -.923069337E+06 -.695519459E+06 -.315816217E-  
62  
-.142889072E-65 -.142748471E-65 -.134096193E-65 -.106250415E-65 -.335220016E-  
66  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.233411426E+06  
-.382932445E+06  
-.450681862E+06 -.467745681E+06 -.456168561E+06 -.430141105E+06  
-.398197874E+06  
-.365189792E+06 -.333711389E+06 -.305032551E+06 -.279673022E+06  
-.257744608E+06  
-.239150423E+06 -.223698892E+06 -.211168013E+06 -.201341056E+06  
-.194026206E+06  
-.189067465E+06 -.186351106E+06 -.185810173E+06 -.187428520E+06  
-.191245200E+06  
-.197359606E+06 -.205937448E+06 -.217217259E+06 -.231516766E+06  
-.249237899E+06  
-.270868558E+06 -.296978475E+06 -.328205735E+06 -.365229987E+06  
-.408728617E+06  
-.459313458E+06 -.517447829E+06 -.583342913E+06 -.656811380E+06  
-.736934283E+06  
-.820738302E+06 -.895958894E+06 -.891147569E+06 -.247100620E+06 -.138941220E-  
63  
-.142490189E-65 -.140203143E-65 -.127097155E-65 -.895505896E-66  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.217739808E+06  
-.373156733E+06  
-.445844685E+06 -.466591234E+06 -.457580217E+06 -.433268314E+06  
-.402443923E+06  
-.370157172E+06 -.339145892E+06 -.310778818E+06 -.285642710E+06  
-.263894807E+06  
-.245469467E+06 -.230197275E+06 -.217872718E+06 -.208292167E+06  
-.201275064E+06  
-.196675874E+06 -.194391267E+06 -.194365130E+06 -.196592929E+06  
-.201126258E+06  
-.208077947E+06 -.217627751E+06 -.230028229E+06 -.245610020E+06  
-.264785148E+06  
-.288046357E+06 -.315959717E+06 -.349147152E+06 -.388255261E+06  
-.433907301E+06  
-.486636586E+06 -.546800293E+06 -.614465181E+06 -.689207182E+06  
-.769512855E+06  
-.850071564E+06 -.906051890E+06 -.779519154E+06 -.125624700E-61 -.698150086E-  
65  
-.141438693E-65 -.136329946E-65 -.117331865E-65 -.669130109E-66  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 -.199119471E+06  
-.361355768E+06  
-.439818972E+06 -.464900347E+06 -.458920100E+06 -.436635948E+06  
-.407131477E+06  
-.375691327E+06 -.345223116E+06 -.317213026E+06 -.292327447E+06  
-.270777443E+06  
-.252534174E+06 -.237454069E+06 -.225350572E+06 -.216034852E+06  
-.209338807E+06  
-.205128244E+06 -.203310894E+06 -.203841977E+06 -.206728889E+06  
-.212035871E+06  
-.219889004E+06 -.230481476E+06 -.244078657E+06 -.261022062E+06  
-.281730715E+06  
-.306697793E+06 -.336479824E+06 -.371675215E+06 -.412888893E+06  
-.460680480E+06  
-.515494229E+06 -.577566440E+06 -.646784992E+06 -.722368690E+06  
-.801697568E+06  
-.874551334E+06 -.887773312E+06 -.480310029E+06 -.938343225E-63 -.140101135E-  
65  
-.139476915E-65 -.130620346E-65 -.103756841E-65 -.361140265E-66  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.176862395E+06  
-.347007375E+06  
-.432251691E+06 -.462460656E+06 -.460080068E+06 -.440207475E+06  
-.412270623E+06  
-.381831442E+06 -.351999755E+06 -.324402066E+06 -.299799909E+06  
-.278468469E+06  
-.260422478E+06 -.245548648E+06 -.233682321E+06 -.224651441E+06  
-.218301725E+06  
-.214511287E+06 -.213199612E+06 -.214333725E+06 -.217933215E+06  
-.224074976E+06  
-.232897988E+06 -.244608029E+06 -.259481762E+06 -.277869159E+06  
-.300192676E+06  
-.326941017E+06 -.358654795E+06 -.395901108E+06 -.439234187E+06  
-.489139755E+06  
-.545959865E+06 -.609785571E+06 -.680256066E+06 -.755973837E+06  
-.832074299E+06  
-.887456425E+06 -.802435774E+06 -.472731559E-48 -.221749784E-63 -.139365798E-  
65  
-.136242380E-65 -.122357986E-65 -.849011728E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.150105267E+06  
-.329435886E+06

-.422671242E+06 -.458976396E+06 -.460897422E+06 -.443912874E+06  
-.417852272E+06  
-.388606807E+06 -.359528462E+06 -.332412427E+06 -.308134629E+06  
-.287047116E+06  
-.269216508E+06 -.254565210E+06 -.242953991E+06 -.234229897E+06  
-.228254024E+06  
-.224917863E+06 -.224153374E+06 -.225939842E+06 -.230309239E+06  
-.237350982E+06  
-.247216409E+06 -.260122781E+06 -.276356184E+06 -.296272192E+06  
-.320292632E+06  
-.348896286E+06 -.382600934E+06 -.421934006E+06 -.467389197E+06  
-.519366014E+06  
-.578084598E+06 -.643444244E+06 -.714686369E+06 -.789220318E+06  
-.857302487E+06  
-.872493111E+06 -.554842014E+06 -.184031685E-62 -.137497914E-65 -.137709054E-  
65  
-.131221102E-65 -.110526082E-65 -.586760933E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.117761965E+06  
-.307762761E+06  
-.410443966E+06 -.454034639E+06 -.461130686E+06 -.447631968E+06  
-.423836884E+06  
-.396029192E+06 -.367852641E+06 -.341306578E+06 -.317405440E+06  
-.296594049E+06  
-.279001244E+06 -.264591775E+06 -.253256121E+06 -.244863205E+06  
-.239291319E+06  
-.236446521E+06 -.236274012E+06 -.238765761E+06 -.243966216E+06  
-.251977038E+06  
-.262961151E+06 -.277145880E+06 -.294824468E+06 -.316354753E+06  
-.342153318E+06  
-.372682957E+06 -.408431013E+06 -.449875965E+06 -.497439283E+06  
-.551416958E+06  
-.611872243E+06 -.678415792E+06 -.749559654E+06 -.820184048E+06  
-.869279374E+06  
-.788349739E+06 -.160582254E-47 -.700695965E-63 -.136892282E-65 -.134745449E-  
65  
-.123678514E-65 -.936704971E-66 -.220933912E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.784738745E+05  
-.280842692E+06  
-.394713453E+06 -.447057005E+06 -.460424534E+06 -.451170078E+06  
-.430137854E+06

-.404081515E+06 -.376998620E+06 -.351137474E+06 -.327681536E+06  
-.307188497E+06  
-.289862377E+06 -.275718556E+06 -.264682494E+06 -.256648349E+06  
-.251513756E+06  
-.249200701E+06 -.249668442E+06 -.252922025E+06 -.259018362E+06  
-.268070888E+06  
-.280253072E+06 -.295800527E+06 -.315010929E+06 -.338240496E+06  
-.365895296E+06  
-.398415298E+06 -.436248756E+06 -.479814086E+06 -.529444625E+06  
-.585303970E+06  
-.647228332E+06 -.714325732E+06 -.783607896E+06 -.844175344E+06  
-.847525427E+06  
-.529550460E+06 -.204610512E-62 -.206711296E-63 -.135287176E-65 -.129920336E-  
65  
.112556629E-65 -.696958683E-66 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 -.305865511E+05  
-.247181675E+06  
-.374314277E+06 -.437229711E+06 -.458258617E+06 -.454222287E+06  
-.436596993E+06  
-.412701008E+06 -.386963981E+06 -.361940326E+06 -.339021567E+06  
-.318903916E+06  
-.301883063E+06 -.288035467E+06 -.277328160E+06 -.269684683E+06  
-.265024606E+06  
-.263287436E+06 -.264447391E+06 -.268522957E+06 -.275583373E+06  
-.285753157E+06  
-.299214970E+06 -.316210511E+06 -.337038639E+06 -.362049400E+06  
-.391632248E+06  
-.426196340E+06 -.466140285E+06 -.511807384E+06 -.563417219E+06  
-.620945131E+06  
-.683847470E+06 -.750232472E+06 -.813730810E+06 -.849334673E+06  
-.737722133E+06  
-.413187921E-48 -.911175222E-63 -.134152674E-65 -.132244880E-65 -.122429193E-  
65  
-.963198565E-66 -.355599401E-66 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-.204817938E+06  
-.347643668E+06 -.423400776E+06 -.453872336E+06 -.456320717E+06  
-.442948236E+06  
-.421754272E+06 -.397700246E+06 -.373720396E+06 -.351464855E+06  
-.331801547E+06



-.315139070E+06 -.301628373E+06 -.291286451E+06 -.284071447E+06  
-.279928098E+06  
-.278815355E+06 -.280723437E+06 -.285684620E+06 -.293780192E+06  
-.305144815E+06  
-.319968605E+06 -.338496645E+06 -.361025063E+06 -.387892316E+06  
-.419463914E+06  
-.456108205E+06 -.498159706E+06 -.545862676E+06 -.599274583E+06  
-.658062295E+06  
-.720946833E+06 -.783816335E+06 -.832064113E+06 -.804111559E+06  
-.393825789E+06  
-.168997988E-62 -.289628490E-63 -.132317377E-65 -.127125975E-65 -.111095816E-  
65  
-.727221998E-66 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
-.151015056E+06  
-.312458943E+06 -.403928183E+06 -.446154071E+06 -.456756636E+06  
-.448763914E+06  
-.431000322E+06 -.409087233E+06 -.386434926E+06 -.365018419E+06  
-.345920870E+06  
-.329691595E+06 -.316573514E+06 -.306644487E+06 -.299904014E+06  
-.296326116E+06  
-.295891621E+06 -.298608010E+06 -.304521718E+06 -.313725661E+06  
-.326363393E+06  
-.342630293E+06 -.362771472E+06 -.387075508E+06 -.415862543E+06  
-.449464682E+06  
-.488195496E+06 -.532302413E+06 -.581886175E+06 -.636739322E+06  
-.695940917E+06  
-.756600181E+06 -.809216304E+06 -.817675784E+06 -.620575604E+06 -.273068244E-  
62  
-.908879841E-63 -.857263084E-64 -.128790058E-65 -.118988793E-65 -.941870808E-  
66  
-.384532478E-66 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
-.819228149E+05  
-.265611847E+06 -.376464763E+06 -.433480043E+06 -.454466037E+06  
-.453375508E+06  
-.440035988E+06 -.420895187E+06 -.399966470E+06 -.379637810E+06  
-.361265513E+06  
-.345576593E+06 -.332929173E+06 -.323476441E+06 -.317268186E+06  
-.314313156E+06

-.314617232E+06 -.318206780E+06 -.325142840E+06 -.335529372E+06  
 -.349517194E+06  
 -.367304123E+06 -.389131010E+06 -.415272653E+06 -.446021839E+06  
 -.481663609E+06  
 -.522434181E+06 -.568451277E+06 -.619578500E+06 -.675105551E+06  
 -.732832631E+06  
 -.785967614E+06 -.810912481E+06 -.712036791E+06 -.485757310E+05 -.130614876E-  
 62  
 -.302886520E-63 -.128654346E-65 -.122782711E-65 -.106435432E-65 -.691292518E-  
 66  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00 -.112113052E-  
 48  
 -.202754685E+06 -.337665876E+06 -.413484924E+06 -.447863845E+06  
 -.455757757E+06  
 -.448215649E+06 -.432728892E+06 -.414083447E+06 -.395198699E+06  
 -.377782263E+06  
 -.362788818E+06 -.350723121E+06 -.341833265E+06 -.336231440E+06  
 -.333968498E+06  
 -.335079674E+06 -.339612411E+06 -.347642958E+06 -.359285538E+06  
 -.374696064E+06  
 -.394071021E+06 -.417641166E+06 -.445658712E+06 -.478375436E+06  
 -.516006544E+06  
 -.558668530E+06 -.606259745E+06 -.658190648E+06 -.712659450E+06  
 -.764376003E+06  
 -.796326395E+06 -.745825058E+06 -.350444276E+06 -.172160906E-62 -.680748818E-  
 63  
 -.996034824E-64 -.124082614E-65 -.113116743E-65 -.873742267E-66 -.320703460E-  
 66  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .117928635E+06 -.282789784E+06 -.382743598E+06 -.434608964E+06  
 -.454361528E+06  
 -.454533994E+06 -.443945316E+06 -.428381566E+06 -.411454393E+06  
 -.395329445E+06  
 -.381257564E+06 -.369933333E+06 -.361726757E+06 -.356829178E+06  
 -.355343783E+06  
 -.357341146E+06 -.362892853E+06 -.372091202E+06 -.385059602E+06  
 -.401956004E+06

-.422970127E+06 -.448313884E+06 -.478202858E+06 -.512824068E+06  
-.552279045E+06  
-.596474385E+06 -.644881236E+06 -.695920648E+06 -.745149552E+06  
-.779153446E+06  
-.752318366E+06 -.489538627E+06 -.224951864E-62 -.106505792E-62 -.268210690E-63

-.123834619E-65 -.116340312E-65 -.980151567E-66 -.586506357E-66  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

-.268239663E+04 -.205182932E+06 -.336358435E+06 -.411285219E+06  
-.446878574E+06  
-.457456705E+06 -.453532398E+06 -.442196373E+06 -.427971593E+06  
-.413628543E+06  
-.400809069E+06 -.390457729E+06 -.383104215E+06 -.379042565E+06  
-.378442742E+06  
-.381419127E+06 -.388071769E+06 -.398510169E+06 -.412865223E+06  
-.431292168E+06  
-.453965231E+06 -.481062656E+06 -.512737781E+06 -.549065700E+06  
-.589939363E+06  
-.634844592E+06 -.682306287E+06 -.728336769E+06 -.761520543E+06  
-.745556206E+06  
-.551208769E+06 -.331068889E-62 -.123173231E-62 -.341115098E-63 -.203030303E-64

-.117348468E-65 -.103849233E-65 -.747772516E-66 -.154694915E-66  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 -.960218441E+05 -.267526234E+06 -.373006108E+06  
-.429925038E+06  
-.454680686E+06 -.459931402E+06 -.454471813E+06 -.444031923E+06  
-.432188734E+06  
-.421106958E+06 -.412065482E+06 -.405807044E+06 -.402761815E+06  
-.403187120E+06  
-.407253207E+06 -.415094647E+06 -.426839454E+06 -.442622860E+06  
-.462589021E+06  
-.486880847E+06 -.515614494E+06 -.548828469E+06 -.586381914E+06  
-.627735201E+06

-.671424278E+06 -.713650481E+06 -.744046417E+06 -.731515634E+06  
 -.572423582E+06  
 -.162901816E-48 -.129821537E-62 -.543529095E-63 -.175118364E-63 -.116874896E-65  
 -.106522647E-65 -.841921059E-66 -.392656705E-66 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 -.167212522E+06 -.313006388E+06  
 -.398649469E+06  
 -.442805996E+06 -.460778977E+06 -.463561789E+06 -.458478933E+06  
 -.450186947E+06  
 -.441555684E+06 -.434316674E+06 -.429501300E+06 -.427723569E+06  
 -.429357597E+06  
 -.434646614E+06 -.443767893E+06 -.456868723E+06 -.474081859E+06  
 -.495523774E+06  
 -.521273989E+06 -.551326166E+06 -.585485673E+06 -.623147740E+06  
 -.662776025E+06  
 -.700552217E+06 -.726510334E+06 -.712320490E+06 -.569274264E+06  
 -.723839135E+03  
 -.131371836E-62 -.763812584E-63 -.250764988E-63 -.115336632E-65 -.106999723E-65  
 -.890950959E-66 -.536366465E-66 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
 .000000000E+00  
 .000000000E+00 .000000000E+00 -.245749004E+05 -.222461050E+06  
 -.346328964E+06  
 -.416913980E+06 -.452540006E+06 -.466930606E+06 -.469477926E+06  
 -.466273986E+06  
 -.461140725E+06 -.456426544E+06 -.453558079E+06 -.453401042E+06  
 -.456488217E+06  
 -.463159639E+06 -.473645421E+06 -.488109986E+06 -.506667504E+06  
 -.529370559E+06  
 -.556164354E+06 -.586781164E+06 -.620508148E+06 -.655649648E+06  
 -.688176344E+06  
 -.708014722E+06 -.687921586E+06 -.547579405E+06 -.365427393E+05 -.130012191E-62

-.860424052E-63 -.285761015E-63 -.112933484E-65 -.105813788E-65 -.907629098E-66  
-.615455128E-66 -.637379762E-67 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-.910776851E+05  
-.264135579E+06  
-.370086588E+06 -.430006289E+06 -.460706317E+06 -.474138025E+06  
-.478257743E+06  
-.478159728E+06 -.477031431E+06 -.476842682E+06 -.478806260E+06  
-.483672201E+06  
-.491909143E+06 -.503809998E+06 -.519544493E+06 -.539168431E+06  
-.562586066E+06  
-.589440876E+06 -.618864961E+06 -.648903570E+06 -.675110618E+06  
-.686839475E+06  
-.656639617E+06 -.508013642E+06 -.176942382E+05 -.126622771E-62 -.882414073E-63  
-.298175363E-63 -.649765354E-64 -.103194756E-65 -.898786535E-66 -.646926018E-66  
-.183510777E-66 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
-.141416857E+06  
-.293004308E+06 -.385673214E+06 -.439039571E+06 -.467925524E+06  
-.482585653E+06  
-.489766408E+06 -.493779403E+06 -.497335856E+06 -.502125765E+06  
-.509195304E+06  
-.519180178E+06 -.532437884E+06 -.549103476E+06 -.569073756E+06  
-.591898293E+06  
-.616504104E+06 -.640559021E+06 -.658957454E+06 -.659984320E+06  
-.614878556E+06  
-.447956970E+06 -.301183615E-48 -.121381026E-62 -.850657063E-63 -.296365780E-63  
-.102820647E-63 -.991188622E-66 -.866954003E-66 -.639507318E-66 -.232982695E-66

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00 -.269502176E-  
64  
-.174035070E+06 -.309147192E+06 -.393269918E+06 -.443793739E+06  
-.473515895E+06  
-.491200799E+06 -.502611003E+06 -.511445518E+06 -.520038205E+06  
-.529828741E+06  
-.541654868E+06 -.555907920E+06 -.572570828E+06 -.591123312E+06  
-.610239305E+06  
-.627066450E+06 -.635540320E+06 -.622283490E+06 -.556130191E+06  
-.360083846E+06  
-.186188296E-62 -.113971780E-62 -.771357534E-63 -.283754559E-63 -.111842836E-  
63  
-.932975198E-66 -.810913025E-66 -.595739648E-66 -.223219582E-66  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.790310043E+03 -.187127785E+06 -.311110234E+06 -.391034810E+06  
-.441866181E+06  
-.474529380E+06 -.496512852E+06 -.512759279E+06 -.526429328E+06  
-.539450706E+06  
-.552858434E+06 -.566946273E+06 -.581220669E+06 -.594078922E+06  
-.601985067E+06  
-.597552580E+06 -.565052233E+06 -.469523848E+06 -.231197845E+06 -.146396243E-  
62  
-.103618325E-62 -.640871823E-63 -.260974281E-63 -.991707561E-64 -.851014165E-  
66  
-.725349763E-66 -.512527739E-66 -.156244910E-66 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .537417530E+04 -.176666853E+06 -.294216800E+06  
-.373395087E+06  
-.426753069E+06 -.463466649E+06 -.489853665E+06 -.510017608E+06  
-.526387855E+06  
-.540046692E+06 -.550780851E+06 -.556761730E+06 -.553614654E+06  
-.532255967E+06  
-.473913240E+06 -.339066341E+06 -.418440928E+05 -.107750218E-62 -.890320854E-  
63  
-.447628170E-63 -.226829370E-63 -.673065724E-64 -.733933317E-66 -.599492350E-  
66  
-.380342404E-66 -.254661740E-67 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .316404394E-49 -.133647453E+06  
-.247599368E+06  
-.327593135E+06 -.383538375E+06 -.422812986E+06 -.450283433E+06  
-.468590577E+06  
-.478304526E+06 -.477614456E+06 -.461221011E+06 -.417964175E+06  
-.325866321E+06  
-.140577431E+06 -.122833119E-62 -.921036535E-63 -.682777482E-63 -.260633868E-  
63  
-.178908197E-63 -.161199941E-64 -.562084462E-66 -.414252702E-66 -.180798385E-  
66  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00

























.799291250E-01 -.799291250E-01 .976900417E-01 -.976900417E-01  
.115450958E+00  
-.115450958E+00 .133211875E+00 -.133211875E+00 .150972792E+00  
-.150972792E+00  
.168733708E+00 -.168733708E+00 .186494625E+00 -.186494625E+00  
.204255542E+00  
-.204255542E+00 .222016458E+00 -.222016458E+00 .239777375E+00  
-.239777375E+00  
.257538292E+00 -.257538292E+00 .275299208E+00 -.275299208E+00  
.293060125E+00  
-.293060125E+00 .310821042E+00 -.310821042E+00 .328581958E+00  
-.328581958E+00  
.346342875E+00 -.346342875E+00 .364103792E+00 -.364103792E+00  
.381864708E+00  
-.381864708E+00 .399625625E+00 -.399625625E+00 .417386542E+00  
-.417386542E+00  
.435147458E+00 -.435147458E+00 .452908375E+00 -.452908375E+00  
.470669292E+00  
-.470669292E+00 .488430208E+00 -.488430208E+00 .506191125E+00  
-.506191125E+00  
.523952042E+00 -.523952042E+00 .541712958E+00 -.541712958E+00  
.559473875E+00  
-.559473875E+00 .577234792E+00 -.577234792E+00 .594995708E+00  
-.594995708E+00  
.612756625E+00 -.612756625E+00 .630517542E+00 -.630517542E+00  
.648278458E+00  
-.648278458E+00 .666039375E+00 -.666039375E+00 .683800292E+00  
-.683800292E+00  
.701561208E+00 -.701561208E+00 .719322125E+00 -.719322125E+00  
.737083042E+00  
-.737083042E+00 .754843958E+00 -.754843958E+00 .772604875E+00  
-.772604875E+00  
.790365792E+00 -.790365792E+00 .808126708E+00 -.808126708E+00  
.825887625E+00  
-.825887625E+00 .843648542E+00 -.843648542E+00 .861409458E+00  
-.861409458E+00  
.879170375E+00 -.879170375E+00 .896931292E+00 -.896931292E+00  
.914692208E+00  
-.914692208E+00 .932453125E+00 -.932453125E+00 .950214042E+00  
-.950214042E+00  
.967974958E+00 -.967974958E+00 .985735875E+00 -.985735875E+00  
.100349679E+01  
-.100349679E+01 .102125771E+01 -.102125771E+01 .103901862E+01  
-.103901862E+01  
.105677954E+01 -.105677954E+01 .107454046E+01 -.107454046E+01  
.109230138E+01  
-.109230138E+01 .111006229E+01 -.111006229E+01 .112782321E+01  
-.112782321E+01  
.114558413E+01 -.114558413E+01 .116334504E+01 -.116334504E+01  
.118110596E+01  
-.118110596E+01 .119886687E+01 -.119886687E+01 .121662779E+01  
-.121662779E+01  
.123438871E+01 -.123438871E+01 .125214963E+01 -.125214963E+01  
.126991054E+01

-.126991054E+01 .128767146E+01 -.128767146E+01 .130543238E+01  
-.130543238E+01  
.132319329E+01 -.132319329E+01 .134095421E+01 -.134095421E+01  
.135871513E+01  
-.135871513E+01 .137647604E+01 -.137647604E+01 .139423696E+01  
-.139423696E+01  
.141199788E+01 -.141199788E+01 .142975879E+01 -.142975879E+01  
.144751971E+01  
-.144751971E+01 .146528063E+01 -.146528063E+01 .148304154E+01  
-.148304154E+01  
.150080246E+01 -.150080246E+01 .151856338E+01 -.151856338E+01  
.153632429E+01  
-.153632429E+01 .155408521E+01 -.155408521E+01 .157184612E+01  
-.157184612E+01  
.158960704E+01 -.158960704E+01 .160736796E+01 -.160736796E+01  
.162512888E+01  
-.162512888E+01 .164288979E+01 -.164288979E+01 .166065071E+01  
-.166065071E+01  
.167841163E+01 -.167841163E+01 .169617254E+01 -.169617254E+01  
.171393346E+01  
-.171393346E+01 .173169438E+01 -.173169438E+01 .174945529E+01  
-.174945529E+01  
.176721621E+01 -.176721621E+01 .178497713E+01 -.178497713E+01  
.180273804E+01  
-.180273804E+01 .182049896E+01 -.182049896E+01 .183825988E+01  
-.183825988E+01  
.185602079E+01 -.185602079E+01 .187378171E+01 -.187378171E+01  
.189154263E+01  
-.189154263E+01 .190930354E+01 -.190930354E+01 .192706446E+01  
-.192706446E+01  
.194482538E+01 -.194482538E+01 .196258629E+01 -.196258629E+01  
.198034721E+01  
-.198034721E+01 .199810813E+01 -.199810813E+01 .201586904E+01  
-.201586904E+01  
.203362996E+01 -.203362996E+01 .205139088E+01 -.205139088E+01  
.206915179E+01  
-.206915179E+01 .208691271E+01 -.208691271E+01 .210467363E+01  
-.210467363E+01  
.212243454E+01 -.212243454E+01  
.146153846E+05 .146153846E+05 .146153846E+05 .146153846E+05  
.146153846E+05  
.146153846E+05 .146153846E+05 .146153846E+05 .146153846E+05  
.146153846E+05  
.146153846E+05 .146153846E+05 .146153846E+05 .146153846E+05  
.146153846E+05  
.146153846E+05 .146153846E+05 .146153846E+05 .146153846E+05  
.146153846E+05  
.146153846E+05 .146153846E+05 .146153846E+05 .146153846E+05  
.146153846E+05  
.146153846E+05 .000000000E+00 .000000000E+00 .000000000E+00  
.000000000E+00  
.000000000E+00 .000000000E+00 .000000000E+00 .000000000E+00  
.257725069E+05





.715410000E+00 .183810000E+00 .809590000E+00 .184930000E+00  
.825490000E+00  
.188490000E+00 .896690000E+00 .198630000E+00 .961740000E+00  
.210360000E+00  
.104227000E+01 .218400000E+00 .110026000E+01 .231900000E+00  
.116485000E+01  
.245930000E+00 .122824000E+01 .256180000E+00 .129216000E+01  
.256180000E+00  
.160302000E+01 .509410000E+00 .160302000E+01  
2  
.599100000E+00 .166480000E+01 .984300000E+00 .153520000E+01  
14  
.177340000E+00 .000000000E+00 .177340000E+00 -.619070000E+00  
.179000000E+00  
-.715410000E+00 .183810000E+00 -.809590000E+00 .184930000E+00  
-.825490000E+00  
.188490000E+00 -.896690000E+00 .198630000E+00 -.961740000E+00  
.210360000E+00  
-.104227000E+01 .218400000E+00 -.110026000E+01 .231900000E+00  
-.116485000E+01  
.245930000E+00 -.122824000E+01 .256180000E+00 -.129216000E+01  
.256180000E+00  
-.160302000E+01 .509410000E+00 -.160302000E+01  
2  
.599100000E+00 -.166480000E+01 .984300000E+00 -.153520000E+01  
0  
.853999545E+00 .678999528E+00 .200008484E+01 .351127492E+00  
.351127492E+00  
.422187500E+00 .159375000E+01 .422187500E+00 -.159375000E+01  
.196911395E+00  
.000000000E+00 .360321266E+00  
.399861550E+00 .101670077E+01 .200227578E+00 .149997413E+01  
.140822561E+02  
9  
.180340000E+00 .799170000E+00 .799170000E+00 .149446000E+01  
.149446000E+01  
.178275000E+01 .179461000E+01 .180647000E+01 .129010000E+00  
.144827000E+01 .193351000E+01 .185264000E+01 .163351000E+01  
.155264000E+01  
.727480000E+00 .646610000E+00 .565740000E+00 .106566000E+01  
.416100000E-01 .162710000E+00 .162710000E+00 .186440000E+00  
.186440000E+00  
.678200000E-01 .915400000E-01 .115270000E+00 .449100000E-01  
.538760000E+00 .679700000E-01 .679700000E-01 .679700000E-01 .679700000E-01  
.679700000E-01 .679700000E-01 .679700000E-01 .213131000E+01  
.190000000E+06 .000000000E+00 .000000000E+00 .773175208E+05  
.773175208E+05  
.464871302E+05 .650820076E+05 .836768850E+05 .000000000E+00  
0  
2  
.153300000E+01 .621172389E+00  
2  
.000000000E+00 .135800000E+01  
0

0