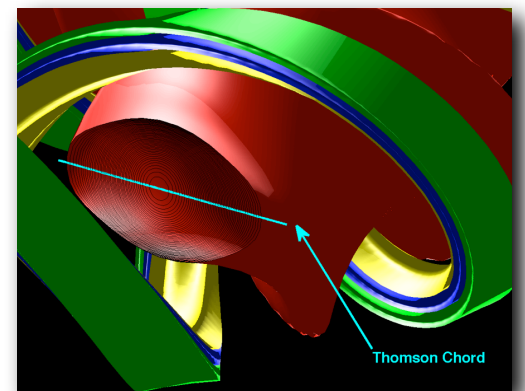
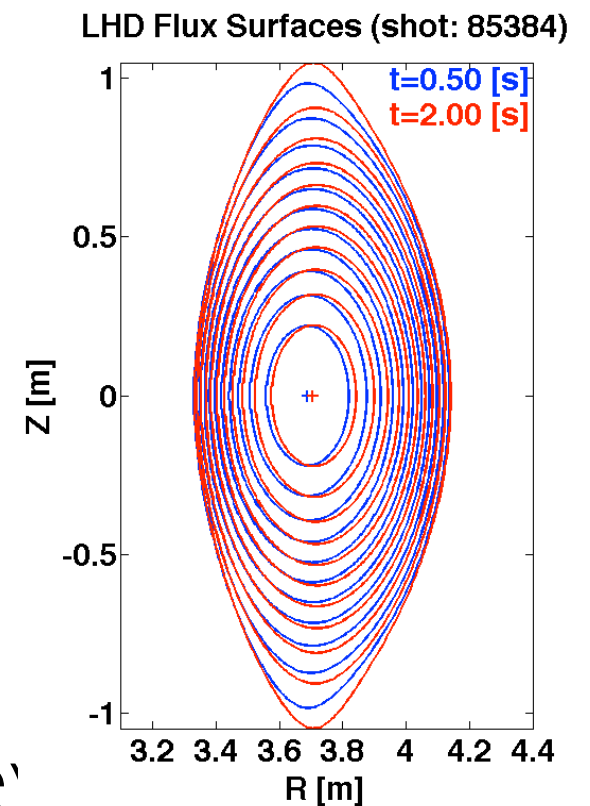


3D Equilibrium Reconstruction for NSTX

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What is STELLOPT currently doing?

- 3D Equilibrium Reconstructions on LHD
 - Magnetics
 - Thomson scattering
 - Motional Stark Effect (MSE)
 - X-Ray Imaging Crystal Spectrometer (XICS)
 - VMEC 3D Equilibria
- Advanced Equilibria (SPEC, PIES)
- DIII-D Reconstruction Effort



How do we get going on NSTX 3D Reconstruction?

- Stage 1 : Tool Prep
 - EFIT Equilibria -> VMEC (up/down symmetric?)
- Stage 2 : Simple Reconstructions
 - STELLOPT Reconstruction (Thomson, Stored energy, Net toroidal current)
- Stage 3 : Full 3D Reconstructions
 - Add in magnetics and additional diagnostics