

Prerequisites:

- Introduction of generalized coordinates
- Kinetic energy in Lagrange form
- Smooth approximations of PES and IDS

Individual trajectory:

- Initial conditions generation
- Classical trajectory propagation
- FT of dipole time-dependence

CIA spectra from trajectory ensemble:

- Spectral function as ensemble average
- Desymmetrized CIA spectral profile

2-5 mln. trajectories

