Calculation of Nonlinear optical signals in liquid solution via the generalized quantum master equation (GQME).

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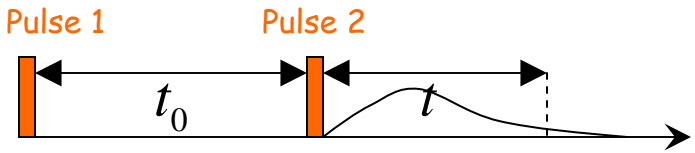
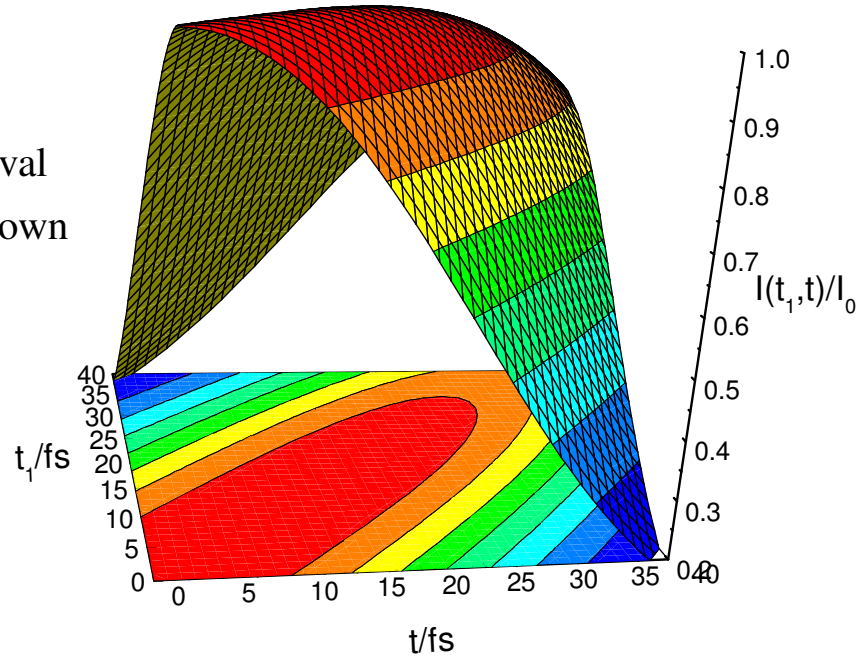
The homodyne-detected 2-pulse photon echo signal for a two-state chromophore in liquid argon at 119.8K. The signal is shown as a function of the time interval between the first and second pulses (t_0) and the time interval between the second pulse and detection (t). The results shown were obtained via our new GQME-based method (see attachment for more details).





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