Readme

The code solves Nonlinear Schrodinger Equation numerically, which is adapted according to Agrawal 'Nonlinear Fiber Optics' with self-steepening and Raman terms included.

NLSE.m includes the NLSE solver.

NLSE\_main.m is the example file to simulate the spectrum broadening for SiN weakly guided waveguide.

NLSE\_phase\_vs\_power.m generates Fig. 4 in "Silicon nitride waveguide as a power delivery component for on-chip dielectric laser accelerators"