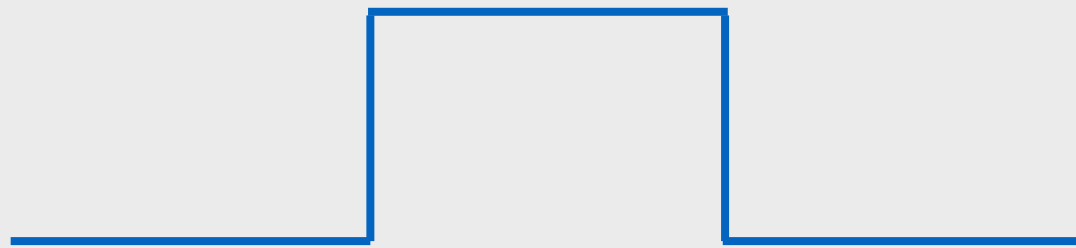


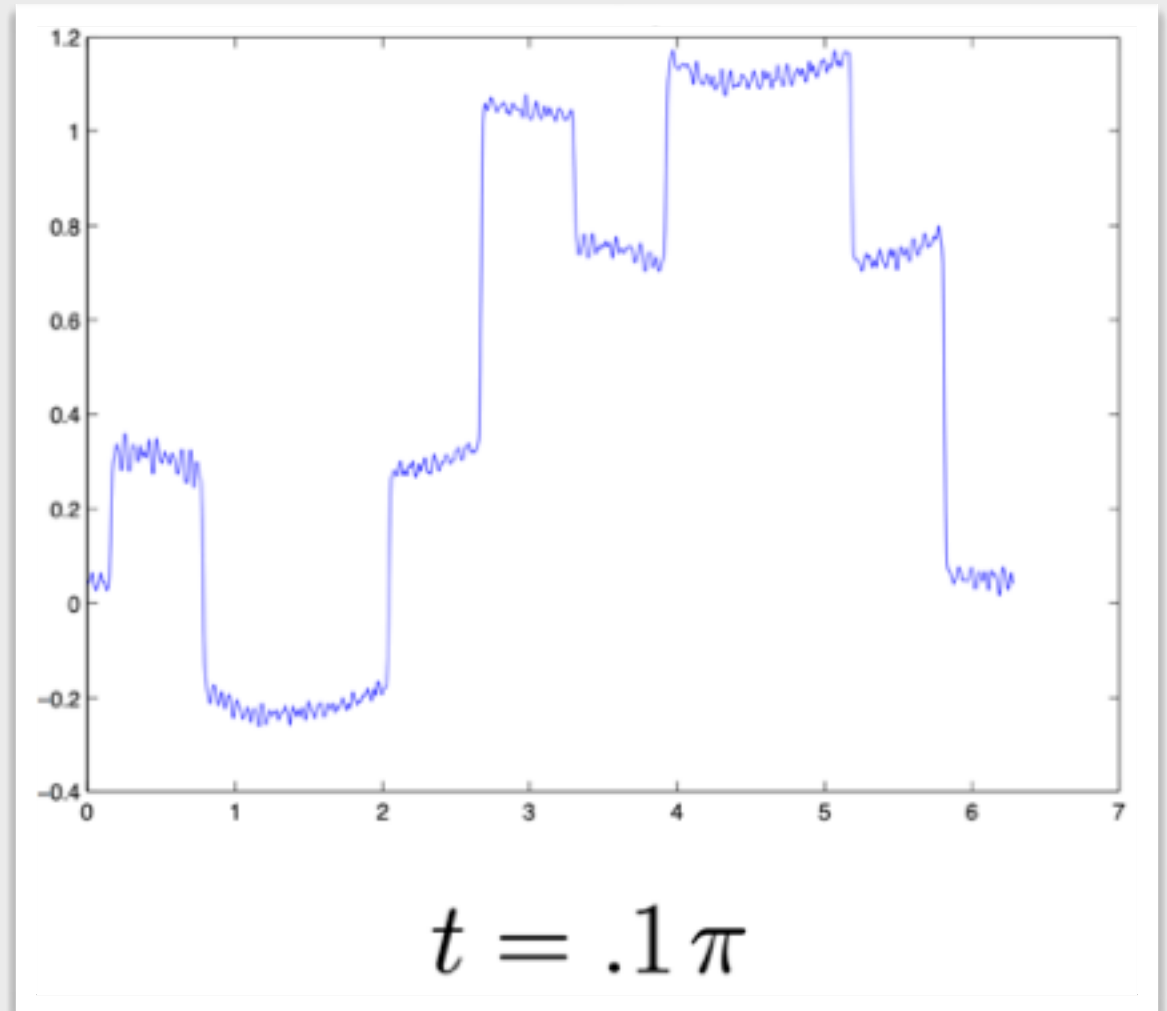
(Numerical) Direct and inverse scattering theory for periodic potentials



One motivation: Dispersive quantization



$t = 0$



$t = .1\pi$

G Chen and P J. Olver. Numerical simulation of nonlinear dispersive quantization. Discrete & Continuous Dynamical Systems - A, 34(3):991–1008, 2014

