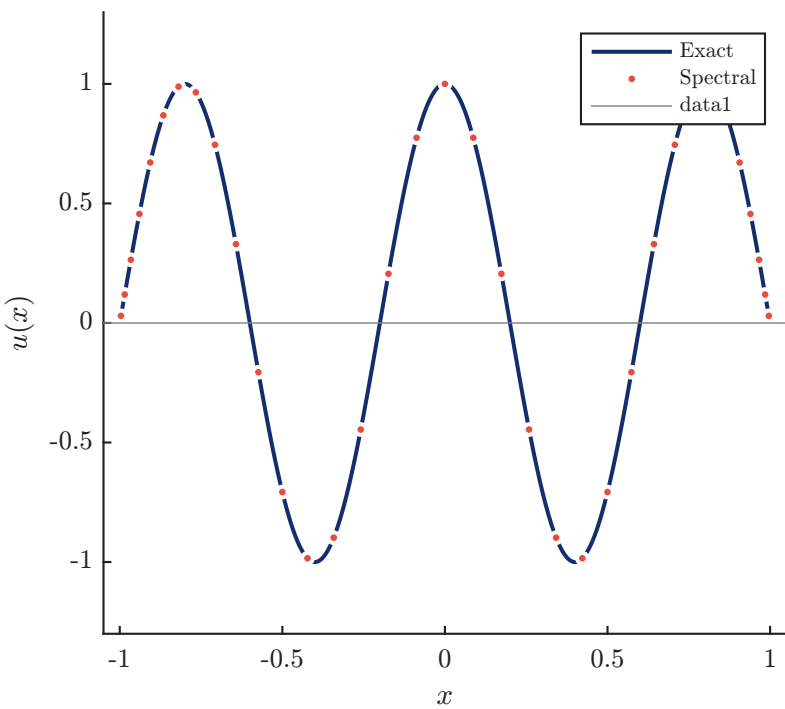
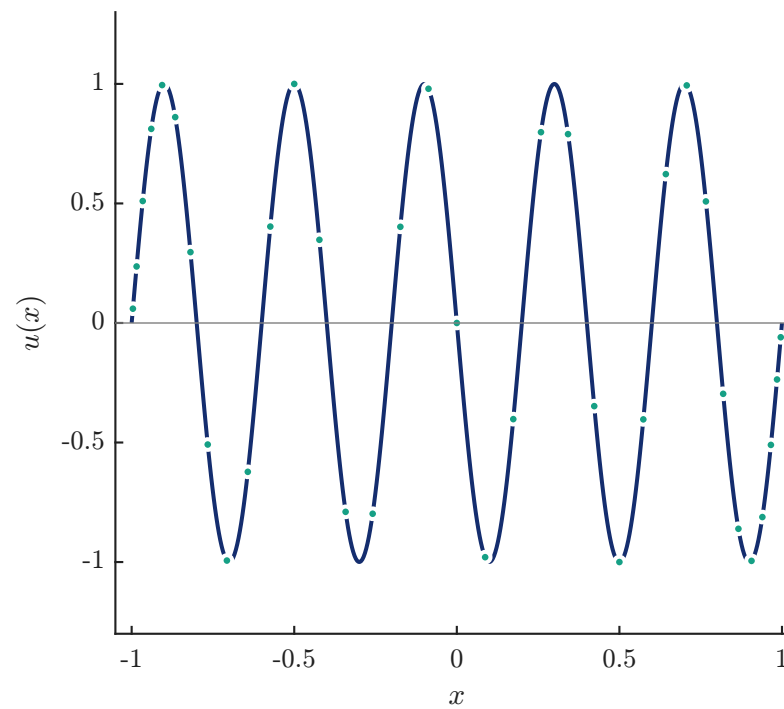


Eigenvalue Problem: $u_{xx} = \lambda u$, $u(\pm 1) = 0$ ($N = 36$)

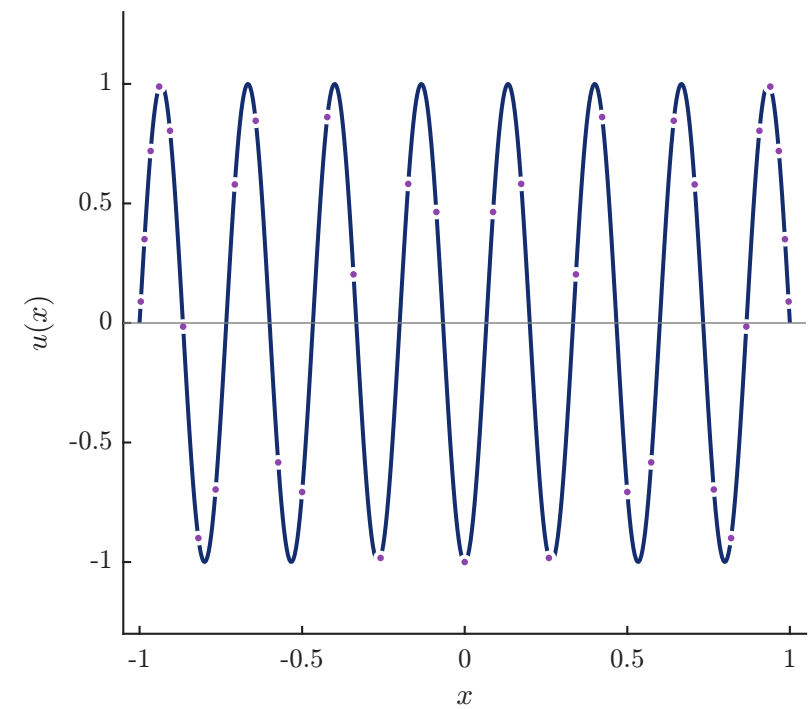
Mode 5: ppw = 14.4, λ error = 0.0e+00



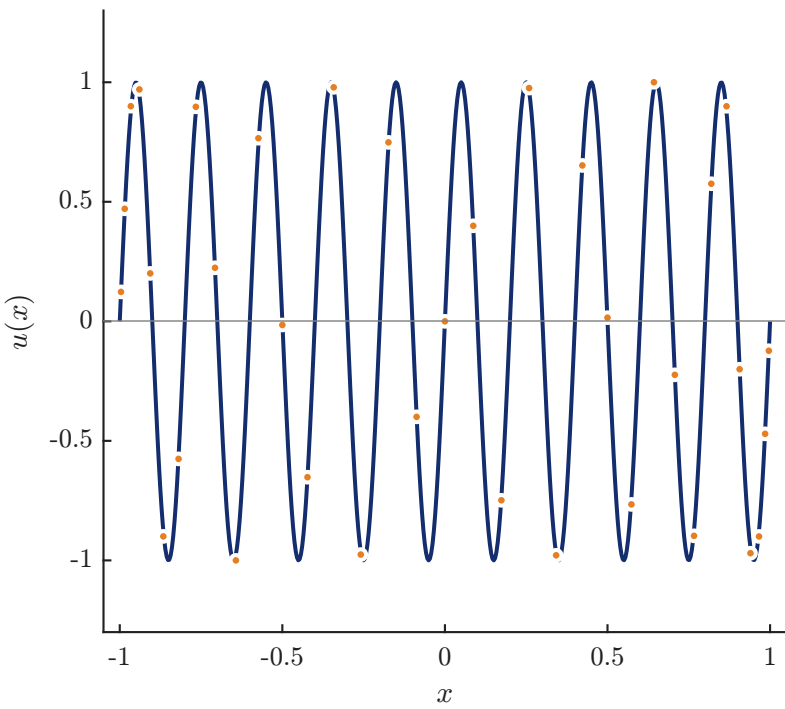
Mode 10: ppw = 7.2, λ error = 2.2e-13



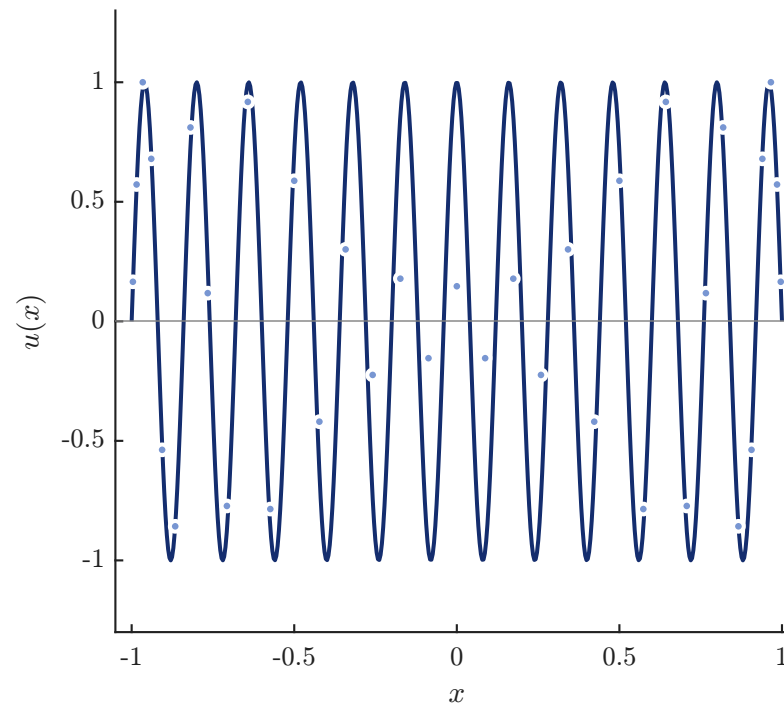
Mode 15: ppw = 4.8, λ error = 3.6e-08



Mode 20: ppw = 3.6, λ error = 1.1e-03



Mode 25: ppw = 2.9, λ error = 1.6e-02



Mode 30: ppw = 2.4, λ error = 1.6e+00

