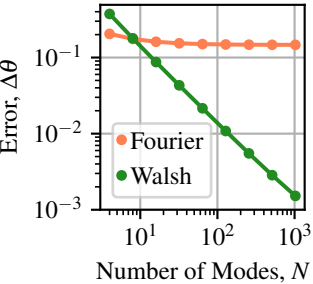


Single-particle,  $h_x = \pi/2$ Many-body,  $h_x = 1.1\pi/4$ 