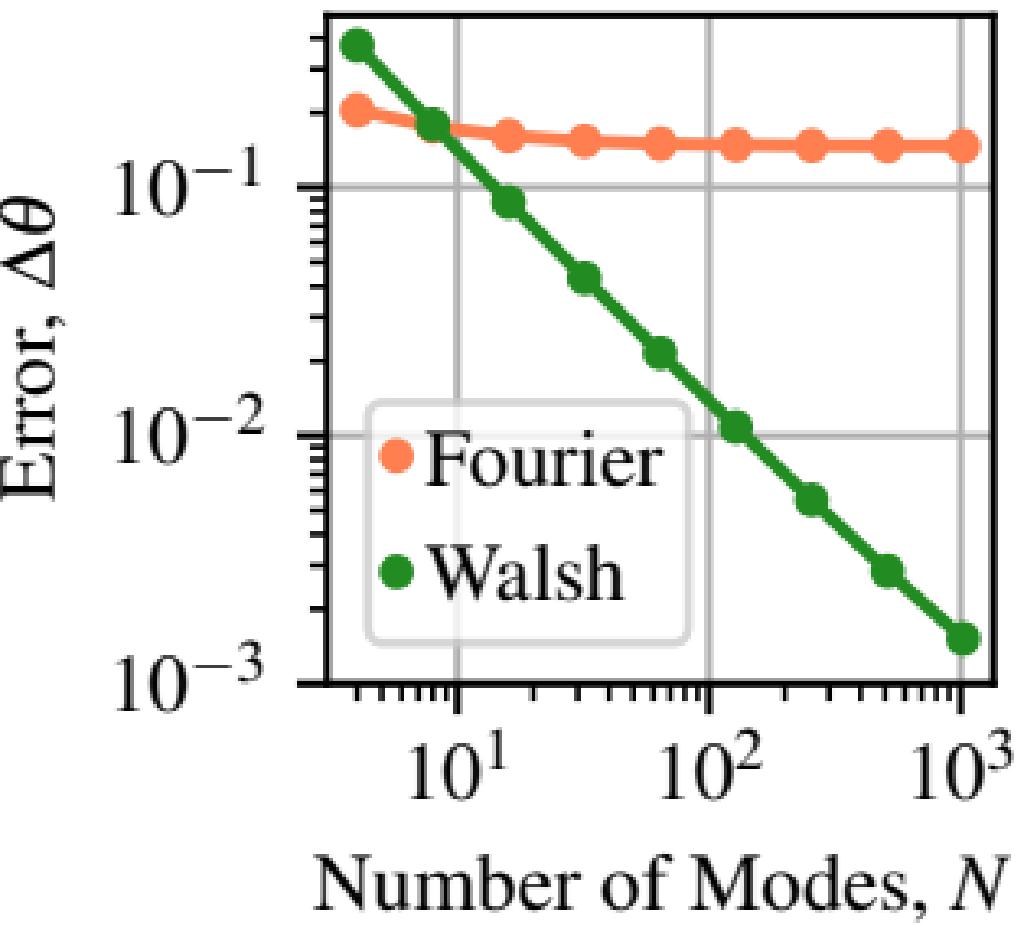


Single-particle, $h_x = \pi/2$



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

