H order 6 Global Error Convergence Hamiltonian Solution 10⁻³ 10^{-6} 10^{-5} $H(x_{approx}) - H(x_{exact})$ 10-8 $-x_{approx}||_2$ 10^{-7} 10^{-10} 10^{-9} $||X_{exact}||$ 10^{-12} 10-11 10^{-14} 10^{-13}

