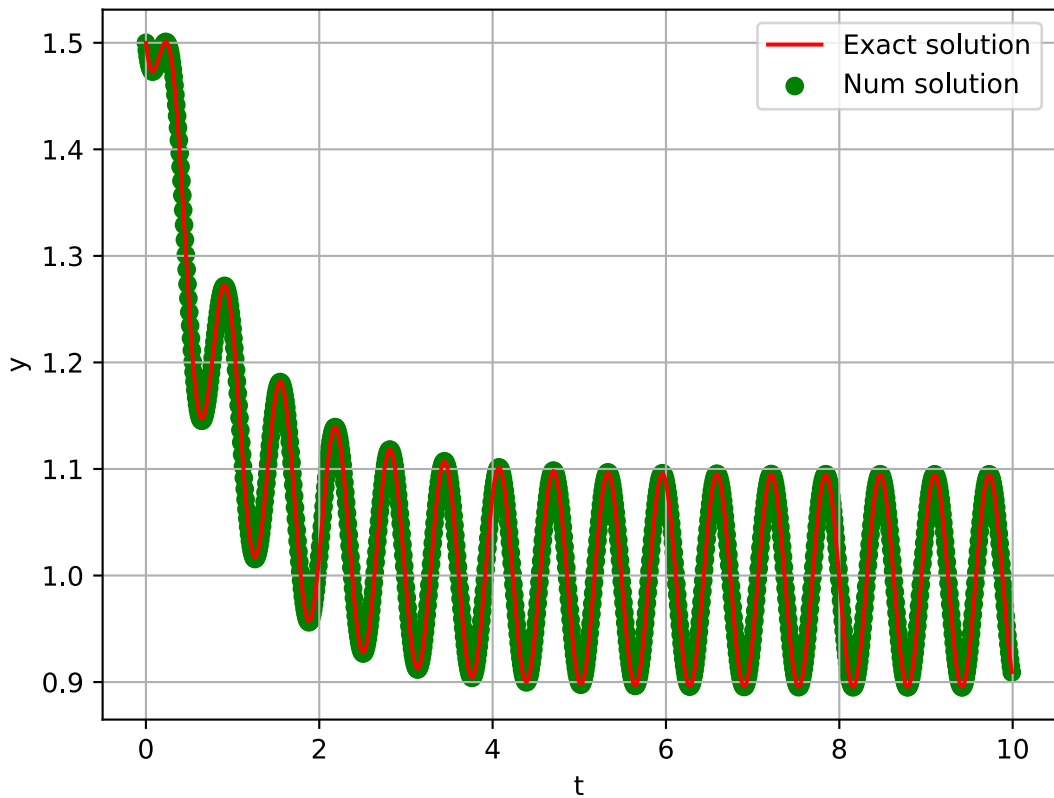
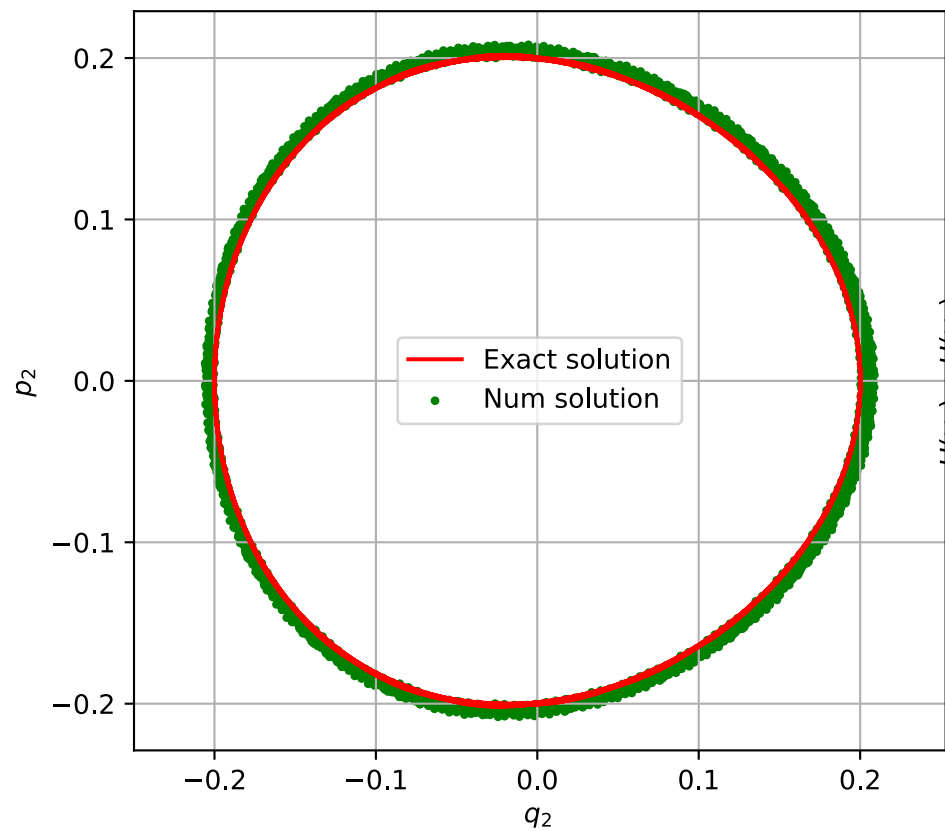


Exact solution vs Numerical solution -  $\varepsilon = 0.1$



$\varepsilon = 0.1$



Hamiltonian error

