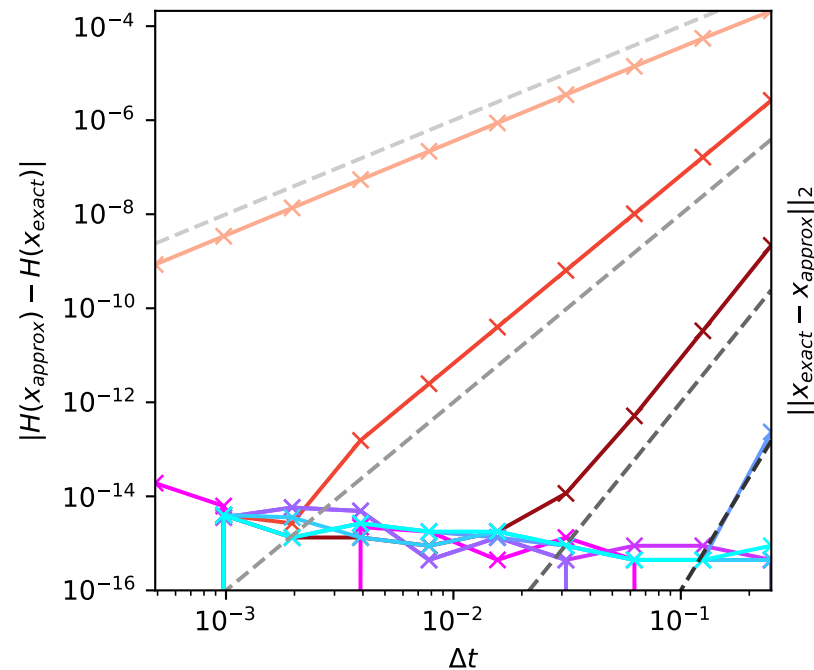
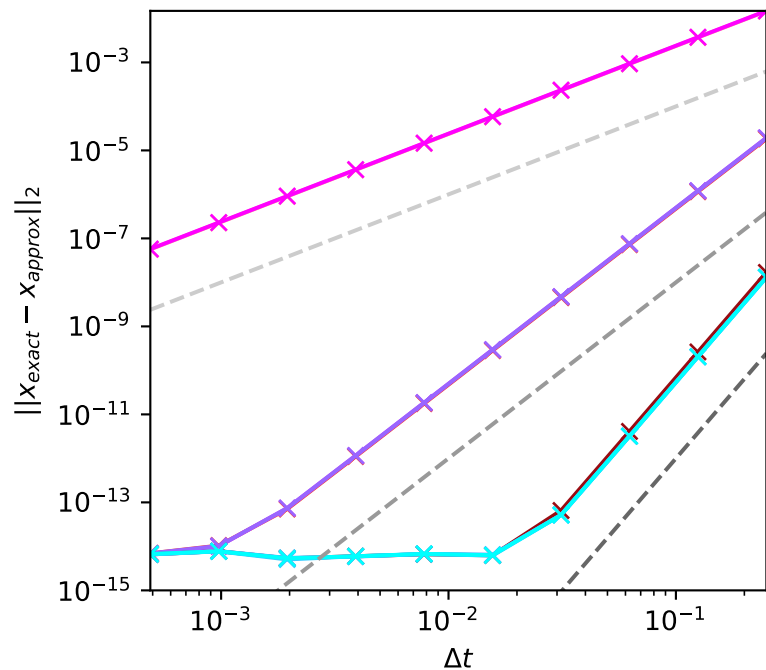


# Hénon-Heiles Global Error Convergence

## Hamiltonian



## Solution



- |                        |                        |                   |                |
|------------------------|------------------------|-------------------|----------------|
| Lobatto-2 or HBVM(1,1) | Lobatto-HBVM(4,2)      | Lobatto-HBVM(6,3) | Slope order 6  |
| Lobatto-HBVM(2,1)      | Lobatto-6 or HBVM(3,3) | Slope order 2     | Slope order 8  |
| Lobatto-4 or HBVM(2,2) | Lobatto-HBVM(4,3)      | Slope order 4     | Slope order 10 |
| Lobatto-HBVM(3,2)      | Lobatto-HBVM(5,3)      |                   |                |