L_2 Horizontal Lyapunov ($a_{lt}=0.10, \alpha=\frac{1}{3}\pi \text{ rad}$) - Periodicity constraints verification Defect vector magnitude after convergence Position deviation at full period 10^{-10} |y(T) - y(0)| 10^{-16} -1.6452-1.6180-1.5363-1.6452-1.5907-1.5635-1.6180-1.5907-1.5635-1.5363Maximum number of corrections Velocity deviation at full period Number of corrections iterations -1.6452-1.6452-1.5635-1.5363-1.6180 -1.5907-1.5635-1.5363 -1.6180-1.5907Distribution of errors over collocated trajectory Maximum collocation segment error 10^{-5} $\max(e_i)$ - $\min(e_i)$ collocation Number of nodes 10^{-8} $\max(e_i)$ -1.5363 -1.6452-1.6180 -1.5907-1.5635-1.5363 -1.6452-1.6180-1.5907-1.5635 H_{lt} [-] H_{lt} [-]