L_2 Horizontal Lyapunov ($H_{lt}=-1.500, \alpha=\frac{1}{3}\pi \text{ rad}$) - Periodicity constraints verification Defect vector magnitude after convergence Position deviation at full period 10^{-10} 10^{-16} 0.00000.01650.06600.03300.04950.00000.01650.03300.04950.0660Maximum number of corrections Velocity deviation at full period Number of corrections iterations $\frac{1}{4}$ 10^{-13} 10^{-16} 0.01650.06600.00000.01650.04950.06600.03300.04950.00000.0330collocation points [-] Distribution of errors over collocated trajectory Maximum collocation segment error 10^{-5} $\max(e_i)$ - $\min(e_i)$ Number of nodes $\max(e_i)$ 0.00000.01650.03300.04950.06600.01650.04950.00000.03300.0660 a_{lt} [-] a_{lt} [-]