In-plane amplitude effect on deviation at full period
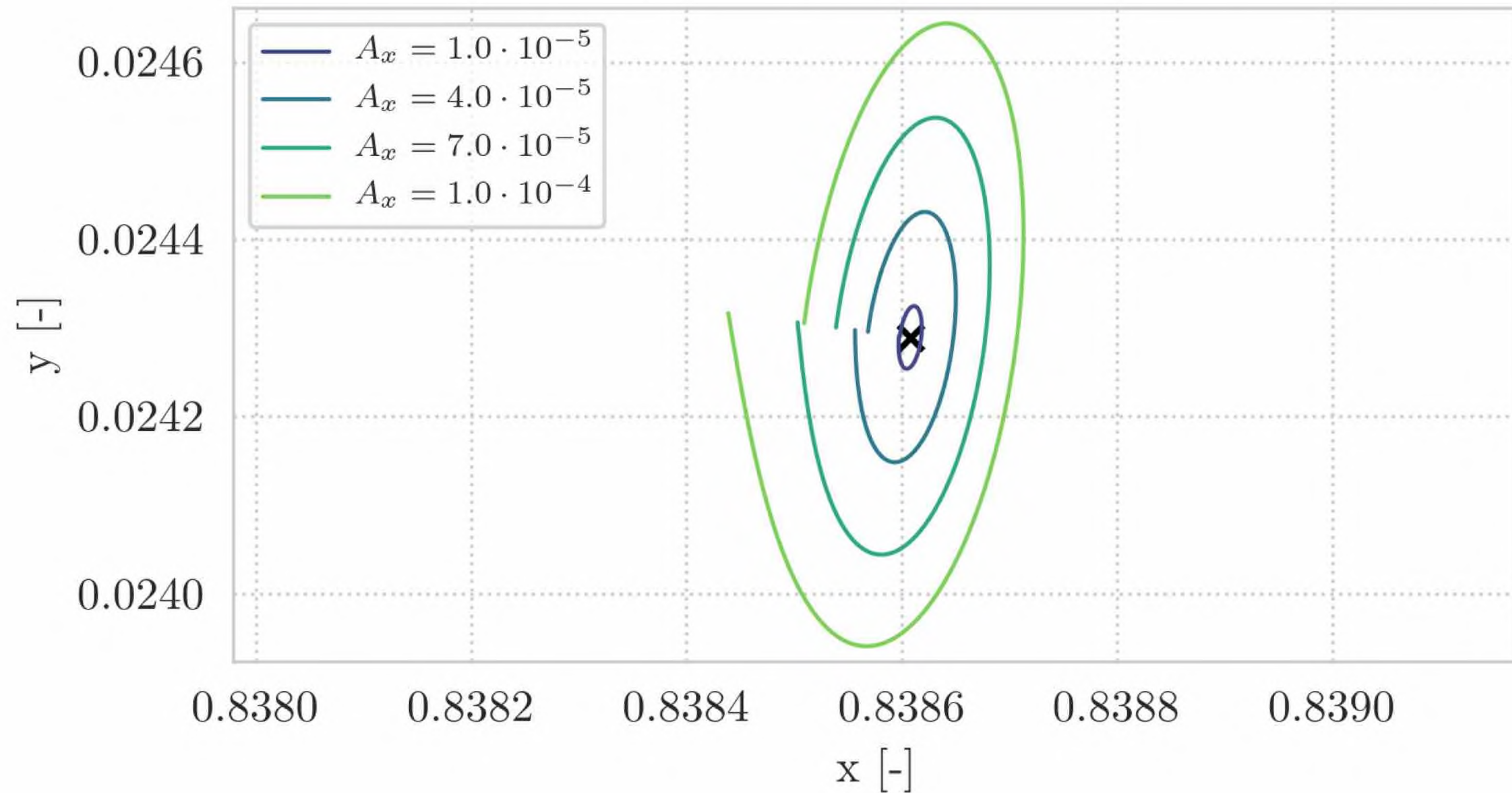

$L_1(a_{lt} = 0.1, \alpha = \frac{1}{2}\pi \text{ rad})$ approximate periodic solutions

Legend:
- $A_x = 1.0 \cdot 10^{-5}$
- $A_x = 4.0 \cdot 10^{-5}$
- $A_x = 7.0 \cdot 10^{-5}$
- $A_x = 1.0 \cdot 10^{-4}$

Axes: x [-], y [-]

Position and velocity deviation after one orbital revolution

Legend:
- $||\Delta \bar{R}||$
- $||\Delta \bar{V}||$

Axes: A_x [-], $||\Delta \bar{R}||$ [-], $||\Delta \bar{V}||$ [-]