

## Orbits (Two Planet System)

$M=1.0, m_1=0.000000003, m_2=0.0000000025, x_1=1.0, y_1=0.0, x_2=-1.0, y_2=0.0, v_{x1}=0.0, v_{y1}=1.1, v_{x2}=0.0, v_{y2}=0.8, dt=0.001, nsteps=20000, n=8$

