

Leapfrog: Eccentricity = 0.5, T = 50, h = 0.01

Proposed timestep $h^* = |r_2 - r_1|/|v_2 - v_1|$

10
8
6
4
2

0

10

20

Time

30

40

50

Distance between masses

4.0
3.5
3.0
2.5
2.0
1.5

