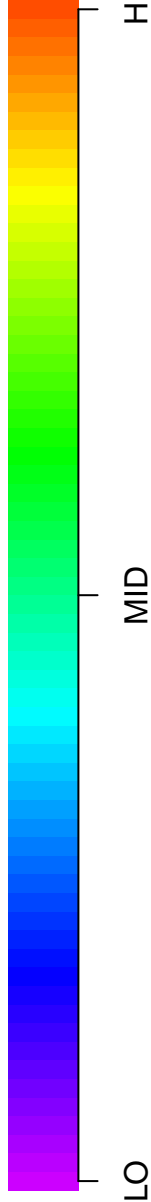
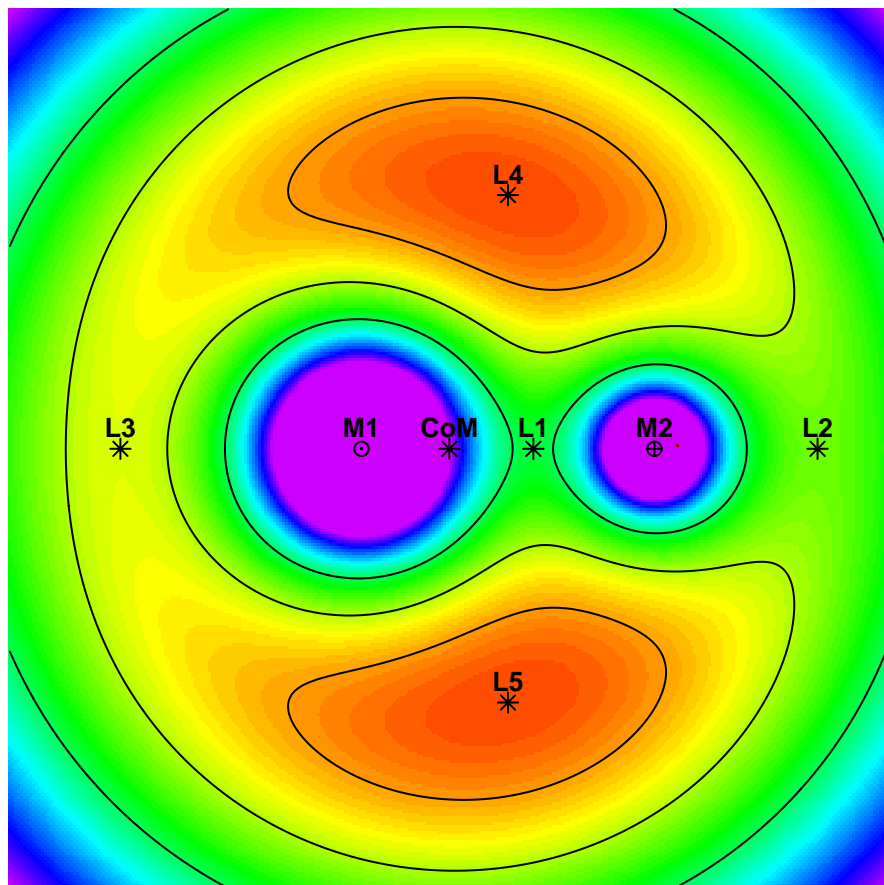
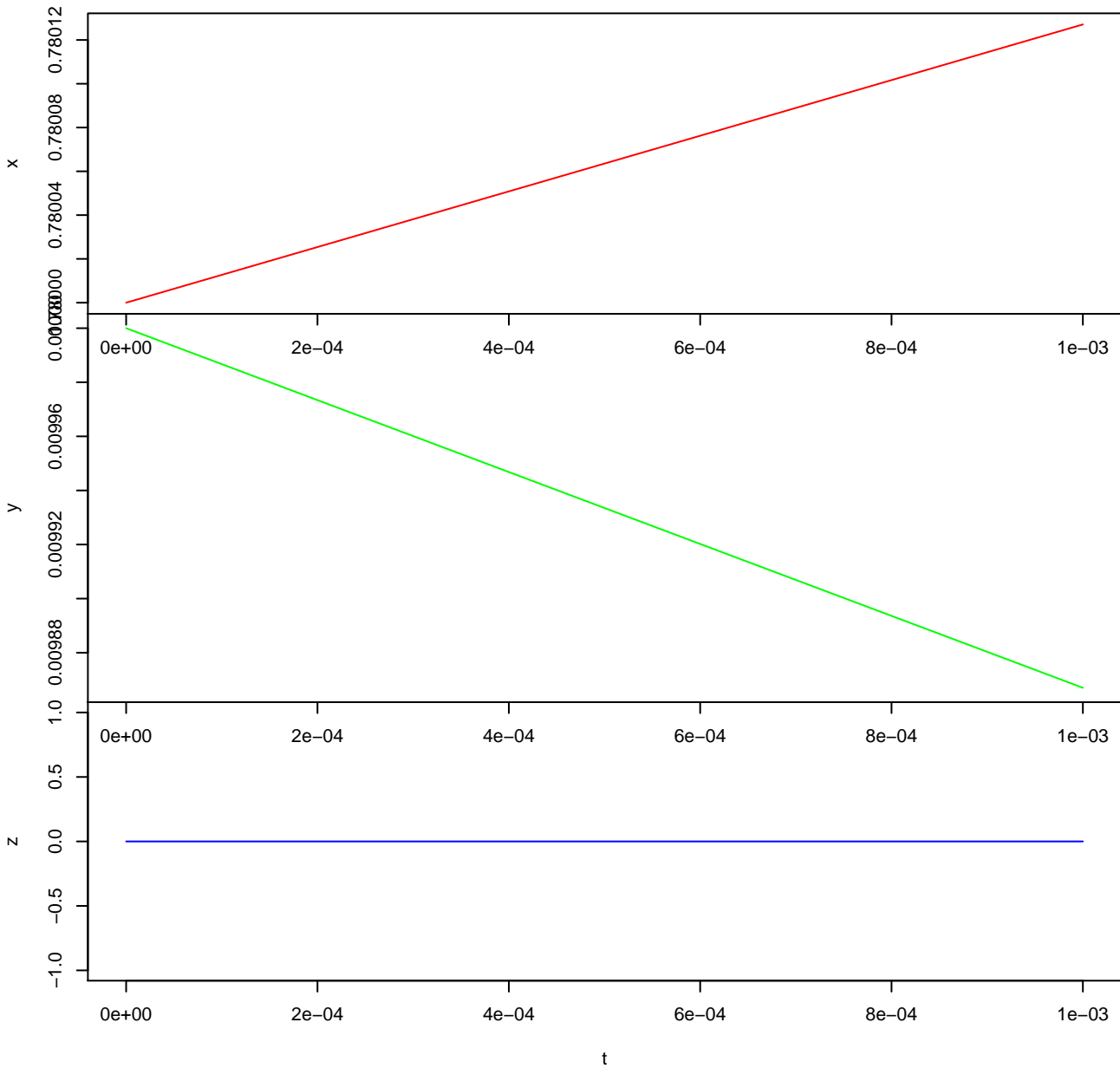


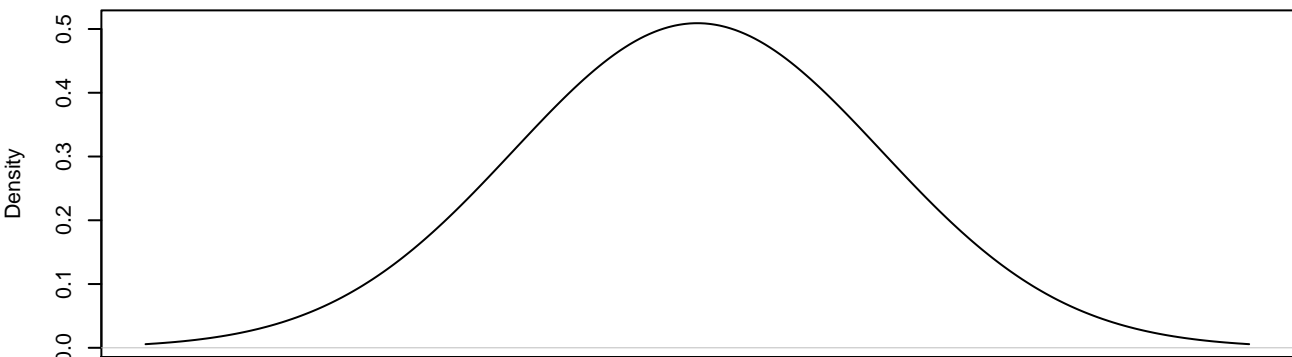
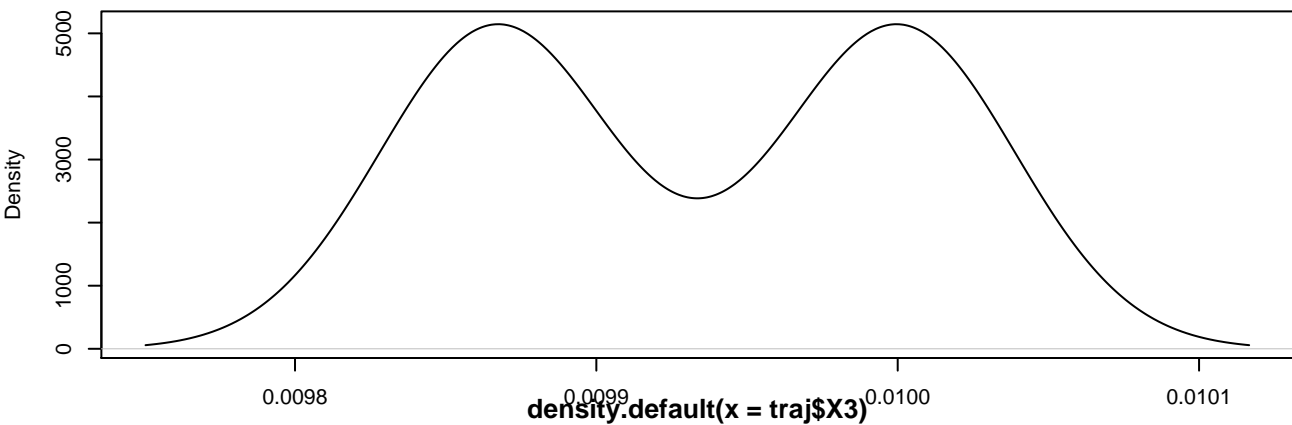
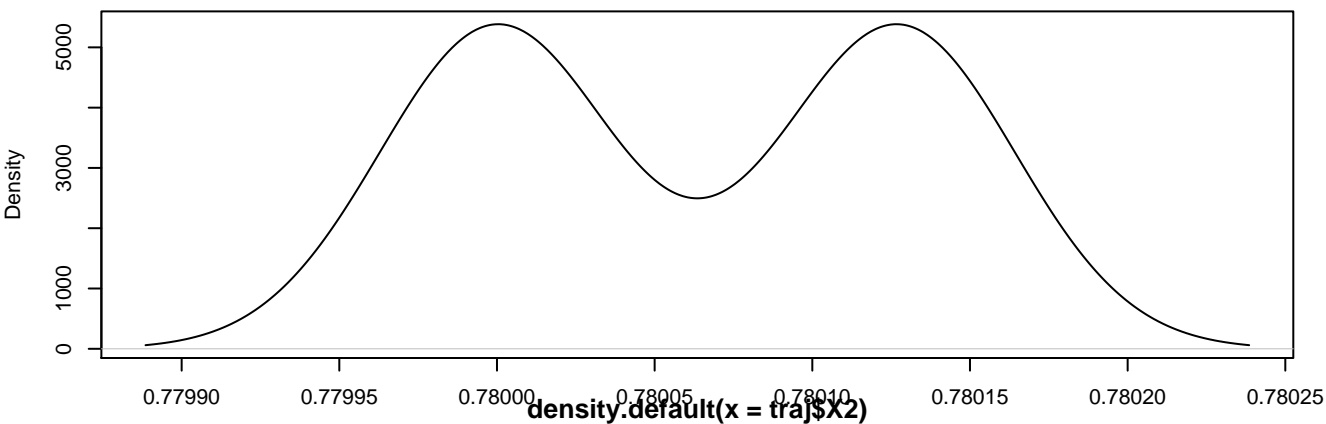
Synodic Coordinates (rotational reference frame)



$U(r)$



Position (synodic)



Kinetic Energy (synodic)

