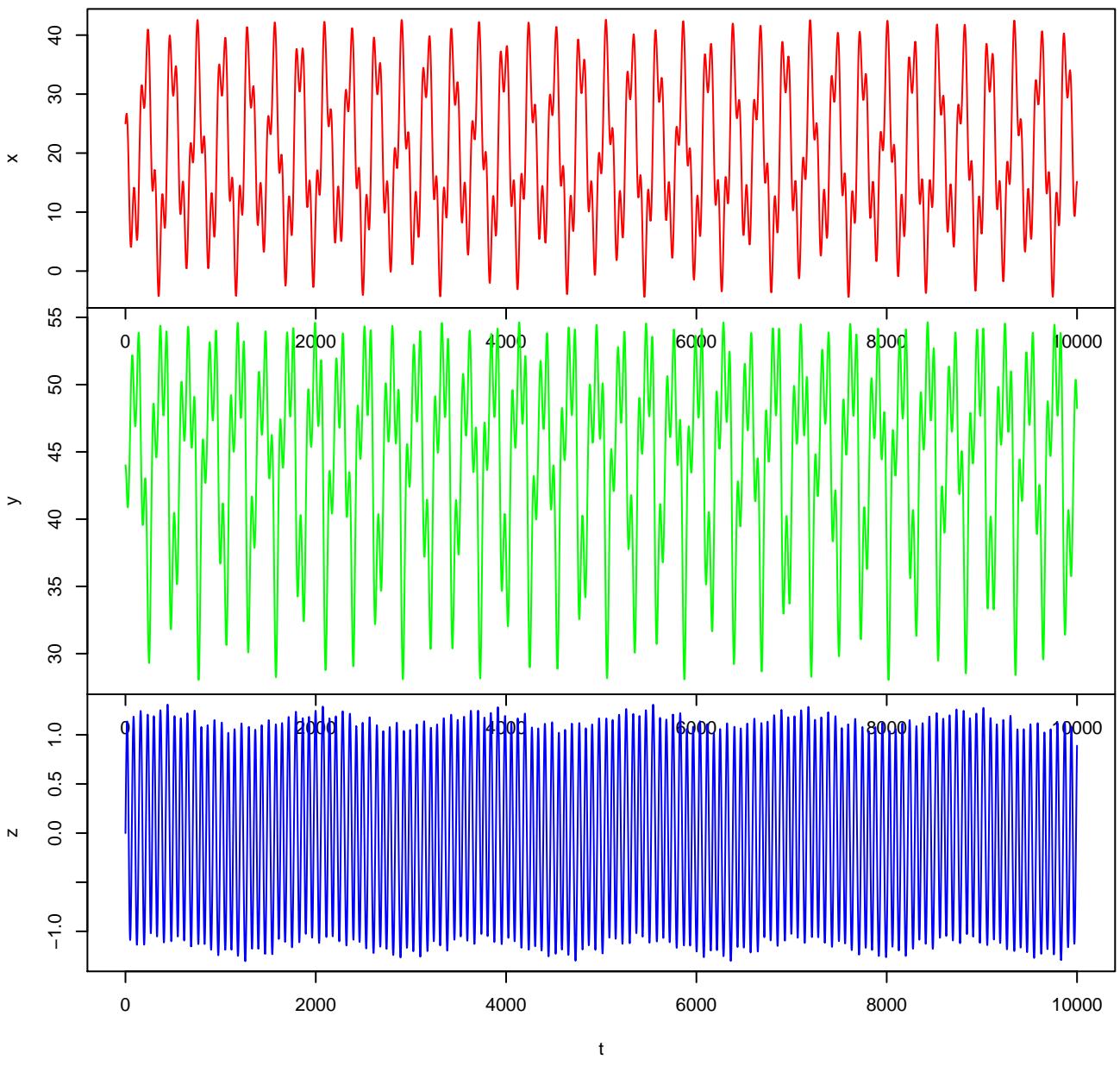
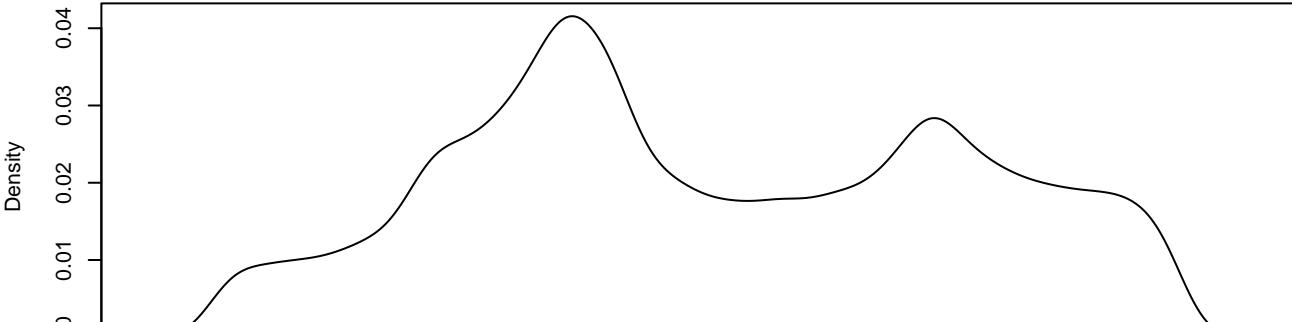
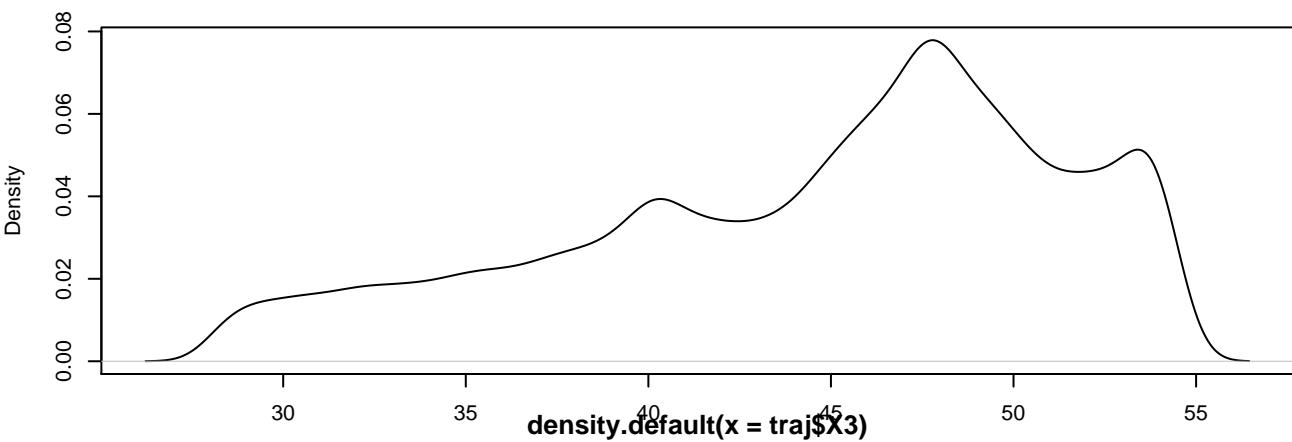
 $U(r)$



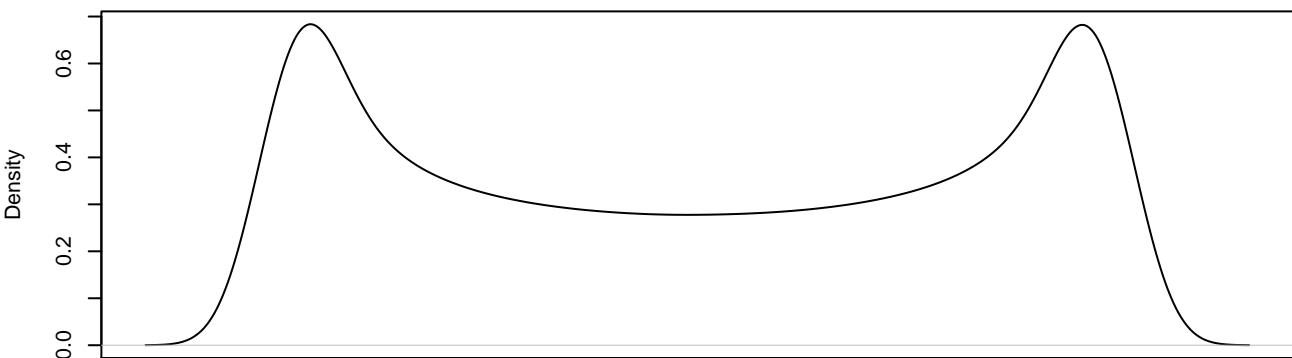
density.default(x = traj\$X1)



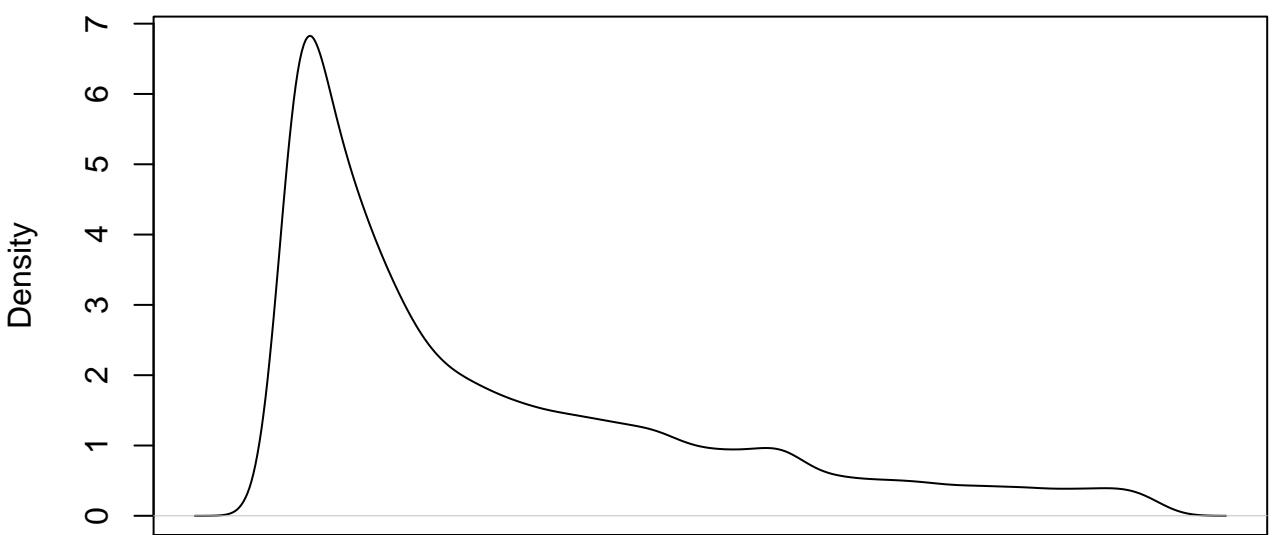
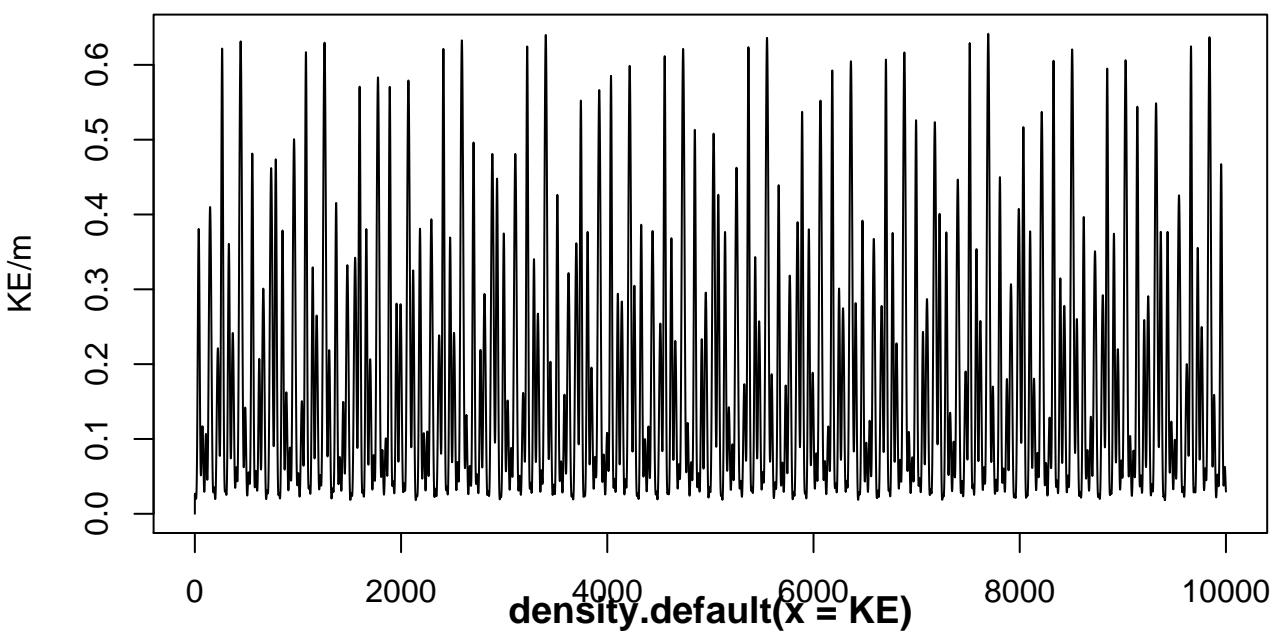
density.default(x = traj\$X2)

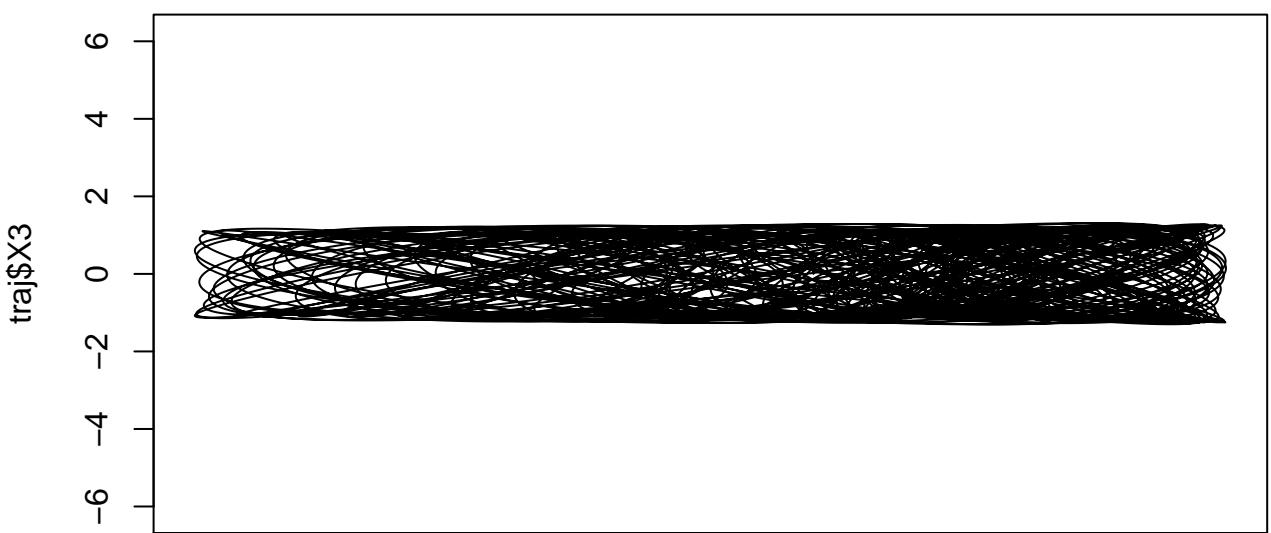
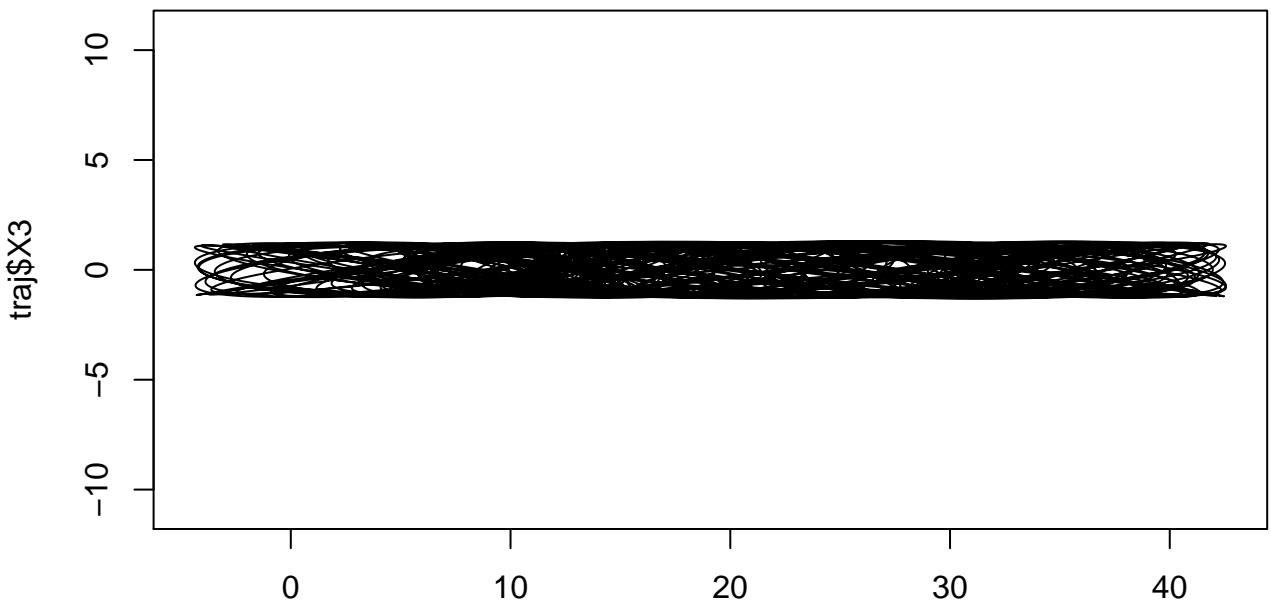


density.default(x = traj\$X3)



Kinetic Energy





```
yini= [1] 25.0 44.0 0.0 0.2 0.0 0.1  
M1= 100  
M2= 1  
G= 10  
R1= -0.5
```