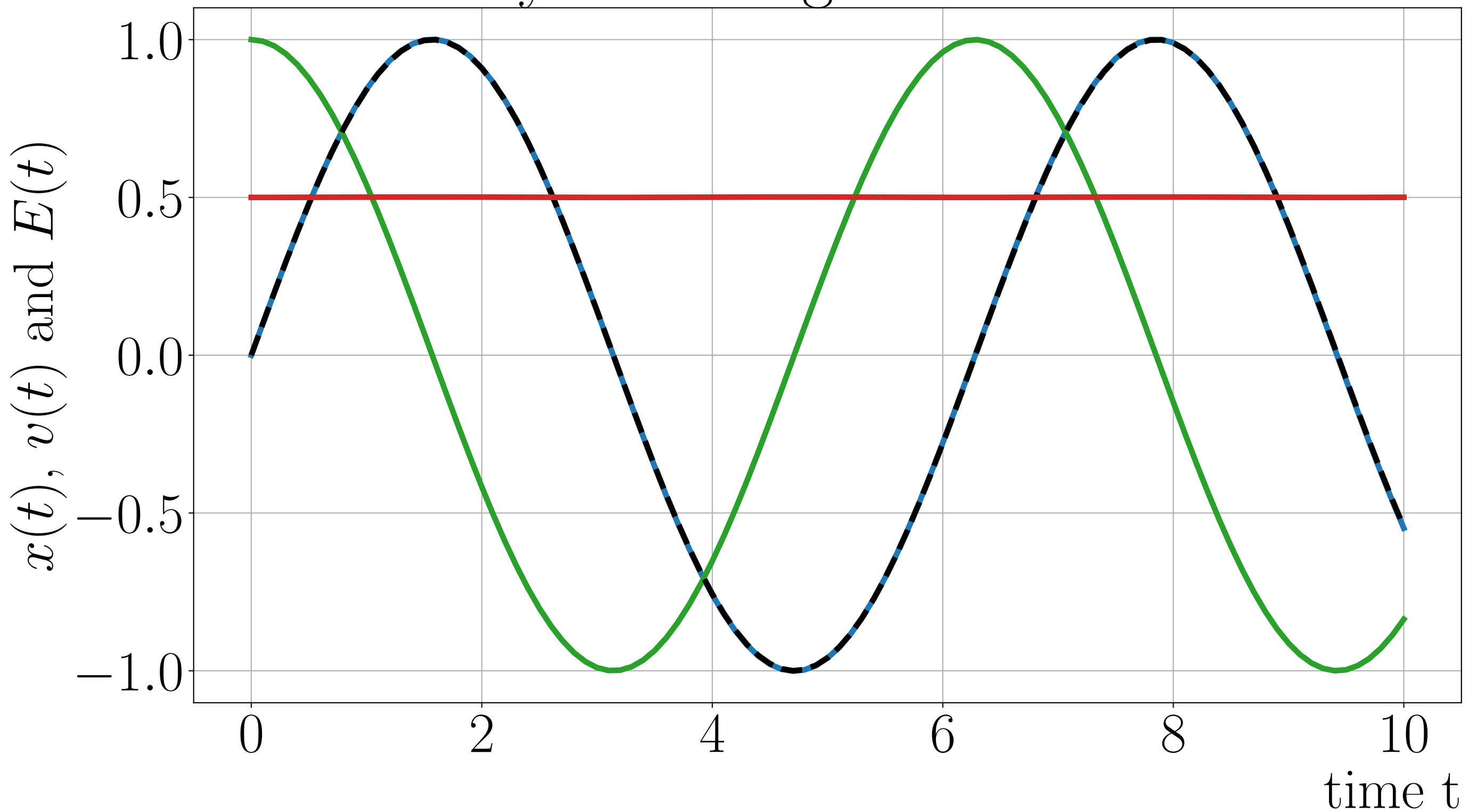


Velocity Verlet algorithm - $\Delta t = 0.1$



— Position - $x(t)$

— Velocity - $v(t)$

- - - Position - $x_{theory}(t)$

— Energy - $E(t)$