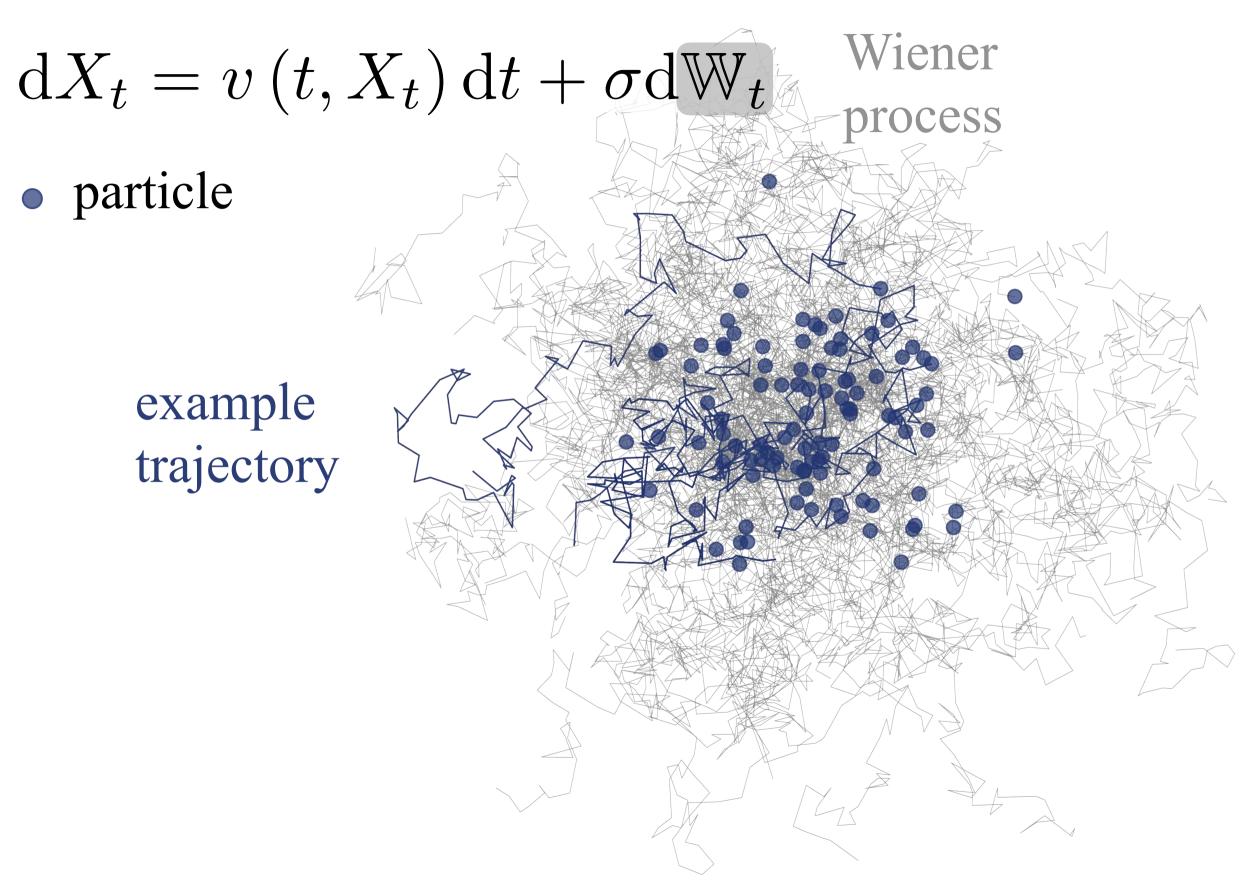
a. Brownian Motion



b. Particle Evolution with external force f and noise g

 $dX_t = [f(t, X_t) + g(t)v(t, X_t)]dt + g(t)dW_t$

