%% EX.5.1 equal probability

Chart, histogram, scatter chart

Description automatically generated

% All the steps have the same mean 0) and variance = 1)

%% EX 5.2 Discrete white noise

Chart, scatter chart

Description automatically generated

%% Exercise 5.3: Brownian motion in inertial and viscous regimes

Chart, scatter chart

Description automatically generated

%% Exercise 5.4: Optically trapped Brownian particle.

Chart, histogram

Description automatically generated