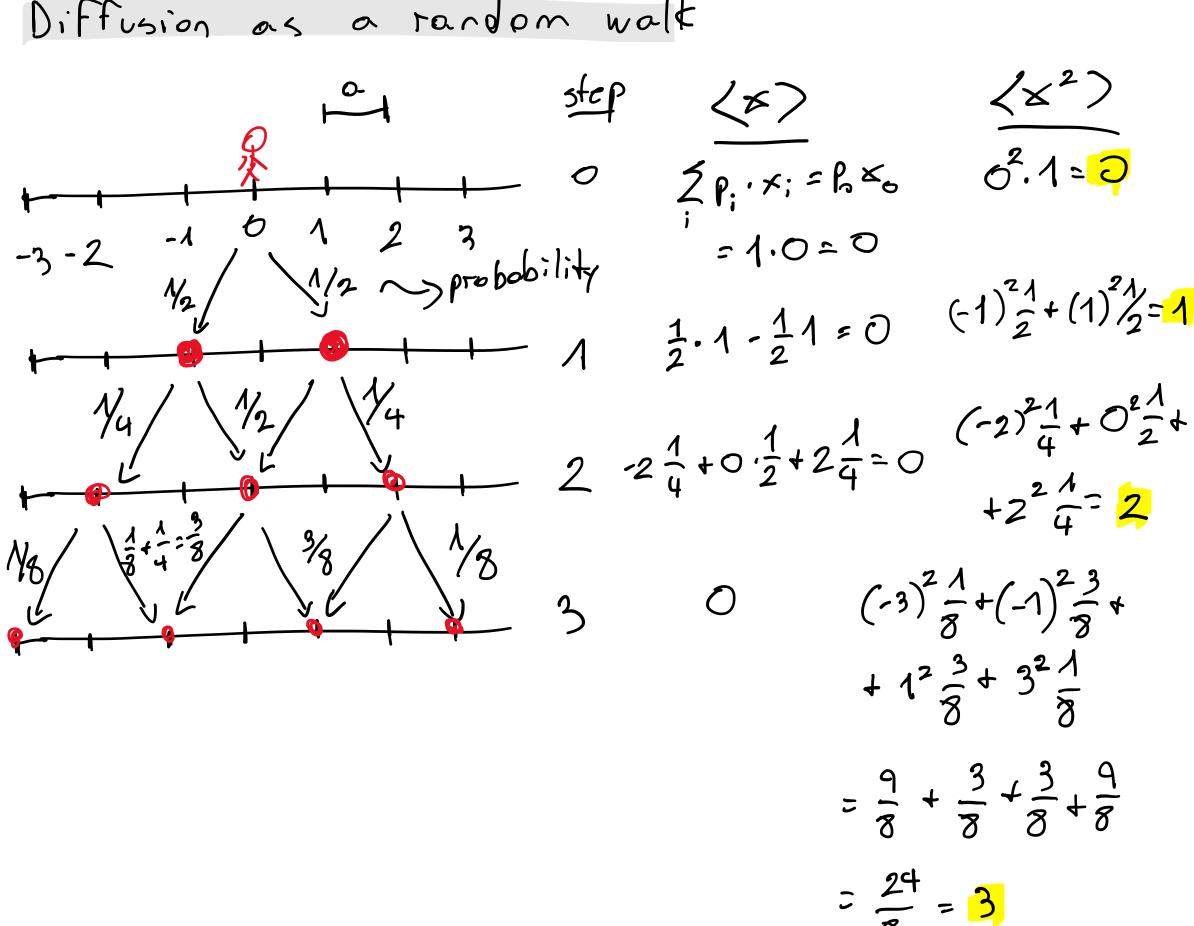
In-class Lecture 7 - Diffusion by coin flips

Tuesday, February 8, 2022

random



 $\langle x^2 \rangle = \sqrt{\rho^2}$

time size

step

number

$$T \rightarrow total time$$
 $T \rightarrow time step$
 $T \rightarrow time ste$

1. Ly lottice

Let's simulate in Python

Model paroms:

0 At

How do we encode for a coin flip?

How do ne simulate 100 random walkers?