Fri , May 3 , 2024

* HW 6 due tonight

* Course Evals open un! Sunday

* Take-home final assigned, due next Fri on DDL, 11:59pm

* OH next week

- Wed 12-1

- Thurs 9-11

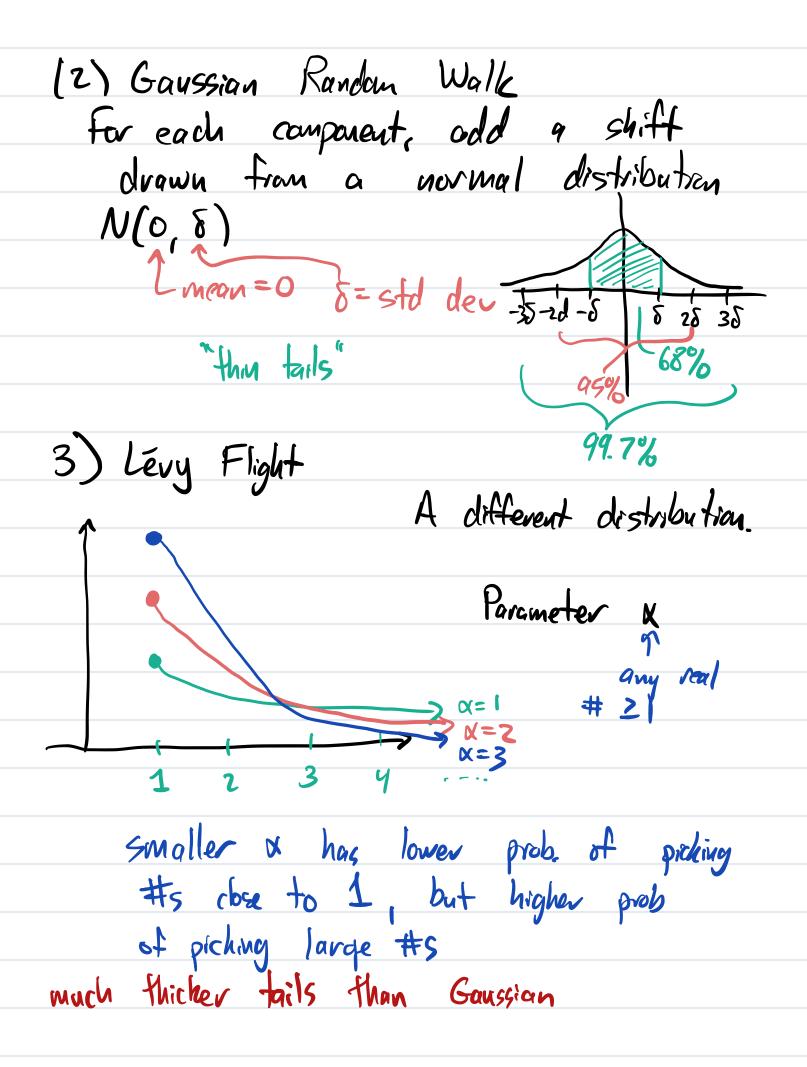
- by email

Topic 14 - Neighborhoods in Continuous Space

Previously: moving a square - bad in higher dimensions

moving a sphere - much better

Other ways to more around space:



The dist above only gives #s 21, so we need to modify it.

To pick a # from the modified dist:

*Pick a # r randomly uniformly from

(0,1)

* Define s = r'/x

* Make s pos. as neg. with 50-50

probability.

Inspiration: travel patterns of produter animals. Many small movements, occassionally big movements.

