

The SUMO Speaker Series for Undergraduates

Thursday, March 5th
4:15-5:05, room 380C

(Food Provided)

Markov chains in action

Professor Megan Bernstein



Abstract:

I'll discuss some classic, useful Markov chains including the Ising model, Glauber Dynamics, card shuffling, and instances of the Metropolis algorithm. These random algorithms are used both to simulate real world processes and to sample from hard-to-compute probability distributions. Come see linear algebra in action!

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