10/1-3: Random Walks and Markov Chains

Outline

This material was presented primarily at the blackboard. Main topics covered:

- Bernstein's inequality and tail probabilities for the binomial distribution
- Basic definitions of Markov chains
- Random walks on graphs, following Doyle and Snell's "Random walks and electric networks," http://front.math.ucdavis.edu/math.PR/0001057