

Probability and Stochastic Process

- Conditional Probability and Bayes Theorem
- Random Variables- Discrete
 - ✧ Binomial RV
 - ✧ Poisson RV
 - ✧ Negative Binomial RV
 - ✧ Bernoulli RV
 - ✧ Geometric RV
 - ✧ Hyper-geometric RV
- Continuous Random Variable
 - ◆ Uniform RV
 - ◆ Exponential RV
 - ◆ Normal RV
- Jointly Distributed Random Variables
- Stochastic Processes
 - ◆ The Bernoulli Process
 - ◆ The Poisson Process
 - ◆ Markov Chains

BOOKS:

- ◆ A first course in Probability-*Sheldon Ross*
- ◆ Introduction to Probability-*Dimitri P. Bertsekas*