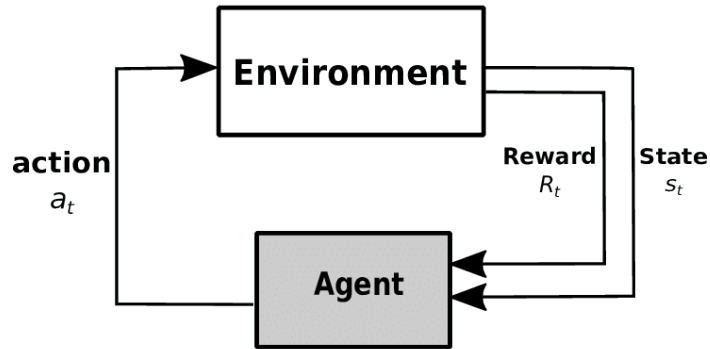


NPB/NSC 287B: Winter 2021

Topics in Theoretical Neuroscience



This year: Reinforcement Learning!

Reinforcement learning is both a powerful theory of animal learning and engineering control, and a technological breakthrough that has led to stunning advances in machine learning. Learn the foundations and cutting edge of reinforcement learning theory as we focus on seminal papers in the field, from classic works to recent breakthroughs from Google DeepMind and others.

Credit, Contact info: 2 units, credit/non; for course questions, email instructor Mark Goldman, msgoldman@ucdavis.edu.

CRN: 34285 (*for NPB 287B*); 34436 (*for NSC 287B*)

Time: Thursdays, 9:00-11:00am*; online only format

*1st year physics students can leave at 10:25am to attend their 1st year courses