

# COMPSCI 295, Fall 2019

## Assignment 1

Instructor: Rina Dechter

Due: Friday, October 11, by email

1. Read Sutton's 1988 paper, (available on the class page) "Learning to Predict by the Methods of Temporal Differences", Machine Learning, volume 3, pp 9-44, 1988. Give 1-2 page summary of the paper up to and including section 4.
2. (optional) Provide an MDP formulation of the RockSample problem described in <https://arxiv.org/ftp/arxiv/papers/1207/1207.4166.pdf>, in Section 5.

Your model should be described within in 1 page or so.