ASSIGNMENTS

Assignment - In progress

Complete the form, then choose the appropriate button at the bottom.

Title Homework 2

Due Jan 31, 2016 11:55 pm

Status Not Started

Grade Scale Points (max 100.0)

Modified by instructor Jan 26, 2016 5:26 am

Instructions

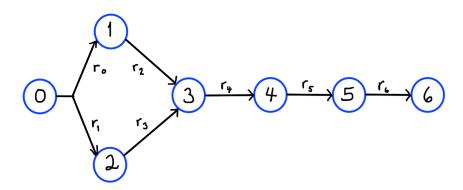
HW 2: TD Lambda Estimators

Note

- Submit your homework on http://rldm.herokuapp.com/.
- If its not on the rldm website, wait. It will come up there soon.
- You only need to submit the expected output for the problems given there. A unique problem is given to every student, you can find your problems here.
- You don't have to submit code for this homework.

The Problem

Recall that the $TD(\lambda)$ estimator for an MDP can be thought of as a weighted combination of the k-step estimators E_k for $k \ge 1$. Consider the MDP described by the following state diagram. (Assume the discount factor is $\gamma = 1$.)

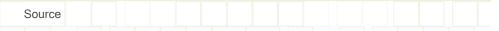


Find a value of λ , strictly less than 1, such that the TD estimate for λ equals that of the TD(1) estimate. Round your answer for λ to three decimal places.

Submission

Assignment Text

This assignment allows submissions using the text box below only. Type in your submission. Save frequently while working.





Help

	-	¥	i
Style	Format	Font	Size
4)

Copyright 2003-2011 The Sakai Foundation. All rights reserved. Portions of Sakai are copyrighted by other parties as described in the Acknowledgments screen.

T-Square - gatech-sakai-2-8-x-10 - Sakai 2.8.x (Kernel 1.2.5)- Server pinch3.lms.gatech.edu