

CS395T
Reinforcement Learning:
Theory and Practice
Fall 2004

Peter Stone

Department of Computer Sciences
The University of Texas at Austin

Week14a: Tuesday, November 30th

Good Afternoon Colleagues

- Are there any questions?

Logistics

- Final projects coming along OK?

Overview

- Requires a method for updating a function approximator with knowledge (advice)

Overview

- Requires a method for updating a function approximator with knowledge (advice)
- KBANN already existed (but needed some extensions)

Overview

- Requires a method for updating a function approximator with knowledge (advice)
- KBANN already existed (but needed some extensions)
- In principle, other FAs could be used too

Some questions

- How are advice weights set? (Why does it matter?)

Some questions

- How are advice weights set? (Why does it matter?)
(Fig. 4, footnote 1, sec. 5)

Some questions

- How are advice weights set? (Why does it matter?)
(Fig. 4, footnote 1, sec. 5)
- What's the impact of not seeing enemies behind walls?

Some questions

- How are advice weights set? (Why does it matter?)
(Fig. 4, footnote 1, sec. 5)
- What's the impact of not seeing enemies behind walls?
- Doesn't growing the network slow down learning?

Some questions

- How are advice weights set? (Why does it matter?)
(Fig. 4, footnote 1, sec. 5)
- What's the impact of not seeing enemies behind walls?
- Doesn't growing the network slow down learning?
- Would forgetting advice be as easy as they make it sound?

Surveys

- Please take these seriously!

Surveys

- Please take these seriously!
 - Quantitative results affect my evaluations, whether the course is taught again, etc.
 - Comments help me teach better

Surveys

- Please take these seriously!
 - Quantitative results affect my evaluations, whether the course is taught again, etc.
 - Comments help me teach better
- Feel free to email me extra comments