6.836: Embodied Intelligence

Syllabus - Spring 2002

Grading: There will be 6 research assignments each accounting for 10% of the grade. There will be a final project which will account for 40% of the grade (one quarter of that, i.e., 10% overall, will be for the oral presentation.

The research assignments are due in class.

Day	Date	Lecture	Research assignment	Out	In
Fri	Feb 08	**1.** Artificial creatures	Braitenberg	RA1	
Fri	Feb15	**2.** Creature renaissance			
Fri	Feb 22	**3.** Non-modular computing	Design a chemistry	RA2	RA1
Fri	Mar 01	**4.** Building physical robots			
Fri	Mar 08	**5.** Self reproduction	Sierra	RA3	RA2
Fri	Mar 15	**6.** Evolving creatures			
Fri	Mar 22	**7.** Self reproducing machines	Evolving ants	RA4	RA3
Project proposals due					
Fri	Mar 29	SPRING BREAK			
Fri	Apr 05	**8.** Evolving robots			
Fri	Apr 12	**9.** Genetic programming	Evolving CAs	RA5	RA4
Fri	Apr 19	**10.** Emergence of life			
Fri	Apr 26	**11.** Humanoids I	Humanoid	RA6	RA5
Fri	May 03	**12.** Humanoids II			
Fri	May 10	*No class—Project presentations during week of May 6-10*			RA6
Thu	May 16	***Project Due***			