Homework 3
Adversarial Search

Due: Thursday, Sept. 19th, at beginning of class (11:10AM). (Either bring hard copy to class or submit to Blackboard by due date/time.) Only answer the section of questions for your type of credit (U/G).

[*Only answer the questions for your type of credit – undergraduate or graduate.*]

1. **[Everyone]** Work problem 5.8, parts a-c, on page 197. ("Consider the two-player game described in Figure 5.17…")

2. **[Everyone]** Work problem 5.16, page 200. ("This question considers pruning in games with chance nodes…")

3. **[Everyone]** Work problem 5.21, page 201. ("Which of the following are true…")

4. **[Graduate students only]** Work problem 5.10, page 198. ("Consider the family of generalized tic-tac-toe games…")