

### CSc 84020 Homework 3

1. Write down a subsumption architecture description of the agent from the “vacuum world” of Lecture 3 and the last two homeworks.  
(25 points)
2. Consider the example abstract argumentation system from the notes (the final page), and using the definitions of “in” and “out”, classify the arguments in that diagram.  
(25 points)
3. How could you use this form of argumentation in order to have agents reach agreement?  
(50 points)