

Hwk. #1 - CS672:

Knowledge Representation and Reasoning

Due: Thursday, Febr. 17th

Papers available from www.cs.cornell.edu/selman/cs672

Reaction essay: Provide a detailed critique of the two papers (McCarthy / Levesque). Your review should be at least three pages and address both papers, including a comparison between the two.

The McCarthy paper is the first paper in AI (1959). The Levesque paper discusses the state of research in knowledge representation and reasoning about 25 yrs later.

Your reaction essay should briefly summarize the key points of each paper. It should also discuss the weak/strong points of the papers. How realistic are the claims/objectives, given what we know today? Finally, the McCarthy paper proposes a research program to achieve “commonsense reasoning”. Discuss to what extent the field, as described in the Levesque paper, has made progress in this area. Also, in what respect has the progress been slow? What are some of the main obstacles in making progress in this area?