

Homework 6 – Part 2 (Graduate Students Only)

Application of First Order Logic – Genesereth, 1984

Due: Thursday, Oct. 10th, at beginning of class (11:10AM).

[This assignment is for graduate students only.]

Read Michael Genesereth's 1984 paper entitled "The Use of Design Descriptions in Automated Diagnosis", which appeared in *Artificial Intelligence*, 24(1-3), pp. 411-436 (available electronically through our library). This paper uses logic to reason about circuits.

Write 1-2 paragraphs that discuss the techniques Genesereth used to achieve a more general approach to diagnosis, compared to other techniques of his day.