Homework 7

CIS-623 STRUCTURED PROGRAMMING & FORMAL METHODS

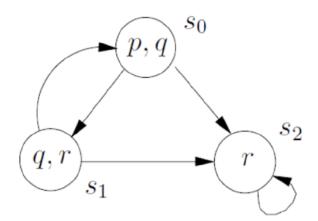
PROF. MEHMET KAYA

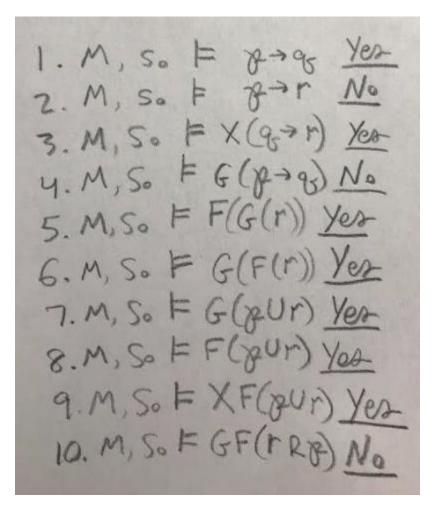
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Question 1:

Which of the following satisfaction relations hold for the model M given below?





Question 2:

Give five more formulas that are not satisfied by the model M and the initial state s0, and five formulas that are satisfied by the same model and state. Our formulas must include at least one temporal logic connector.

