

Artificial Intelligence

Spring Semester 2020

Homework V (COI)

Grade

Max. Marks: 10

Student Name: _____

Student ID: _____ Section: 2418 Signature: _____

1.7 Examine the AI literature to discover whether the following tasks can currently be solved by computers:

- a. Playing a decent game of table tennis (ping-pong).
- b. Driving in the center of Cairo.
- c. Buying a week's worth of groceries at the market.
- d. Buying a week's worth of groceries on the web.
- e. Playing a decent game of bridge at a competitive level.
- f. Discovering and proving new mathematical theorems.
- g. Writing an intentionally funny story.
- h. Giving competent legal advice in a specialized area of law.
- i. Translating spoken English into spoken Swedish in real time.
- j. Performing a complex surgical operation.

For the currently infeasible tasks, try to find out what the difficulties are and predict when, if ever, they will be overcome.

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