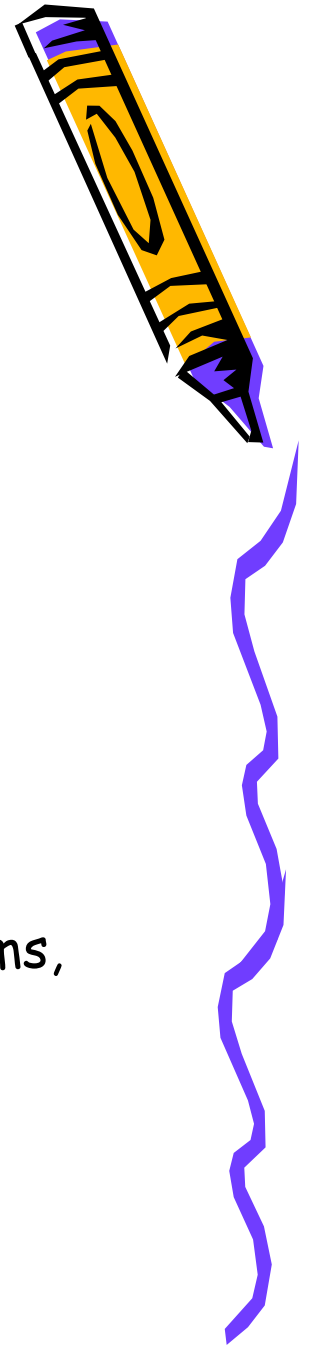


Why AI

- One of the newest sciences.
- A multidisciplinary field.
 - Philosophy, Mathematics, Neuroscience, Psychology, Computer Engineering, Control Theory, Linguistics...
- A field has openings for several full-time Einsteins.
- A field has broad applications.
 - Learning, playing chess, proving mathematic theorems, diagnosing diseases, ...



Why This Textbook

- The Agent Book.
- The leading AI textbook, according to Google search result
 - Used in almost all top 40 CS departments in U.S.
 - Used in over 800 universities in 89 countries
- The 57th most cited computer science publication ever,



Course Overview

- Introduction and Agents (Ch. 1, 2)
- Search (Ch. 3, 4, 6)
- Logic (Ch. 7, 8, 9)
- Various Topics
 - Bayesian Network (Ch. 13, 14)
 - Neural Network (Ch. 20.5)
 - Game Theory (Ch. 17.6)
 - Genetic Algorithm (Ch 4.3)

