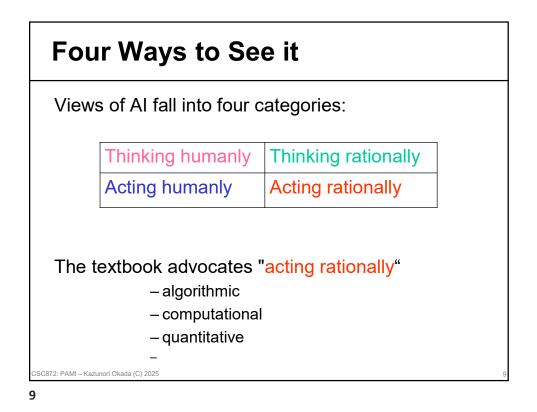
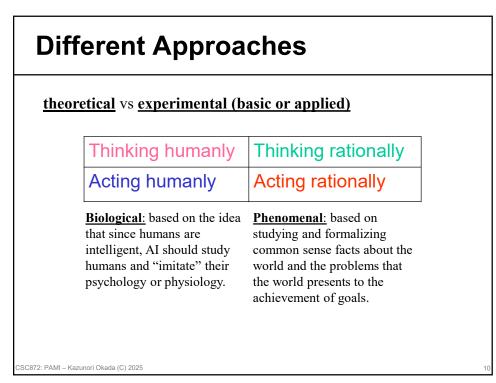
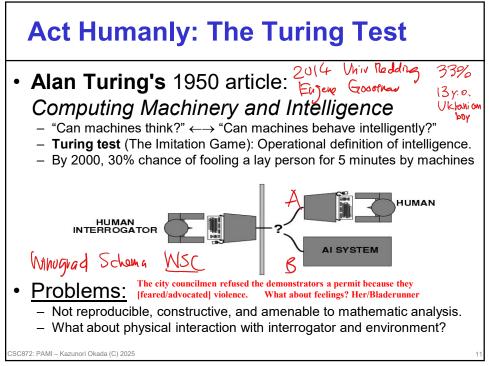


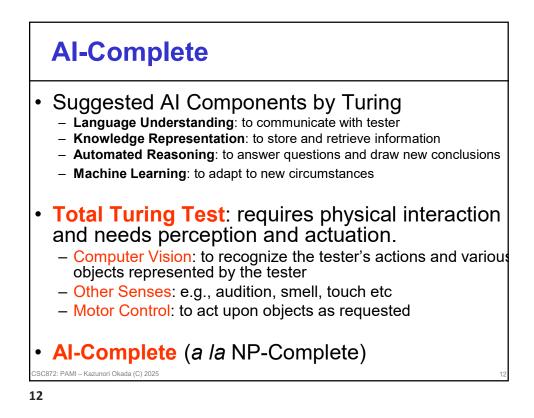
Four Definitions	
The exciting new effort to make computers think <i>machine with minds,</i> in the full and literal sense" (Haugeland)	"The study of mental faculties through the use of computational models" (Charniak et al.)
"The art of creating machines that perform functions that require intelligence when performed by people" (Kurzweil)	A field of study that seeks to explain and emulate intelligent behavior in terms of computational processes" (Schalkol)

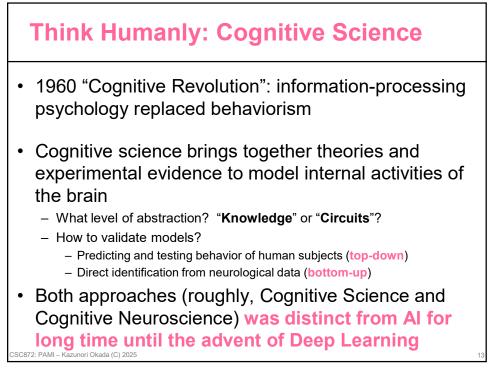




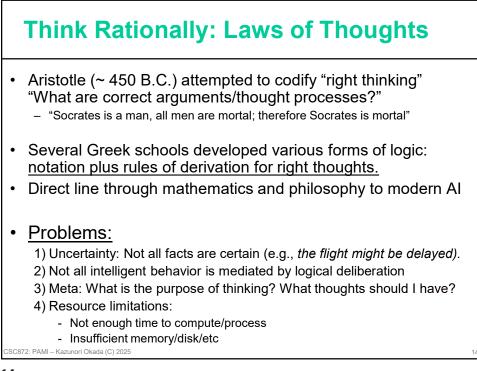


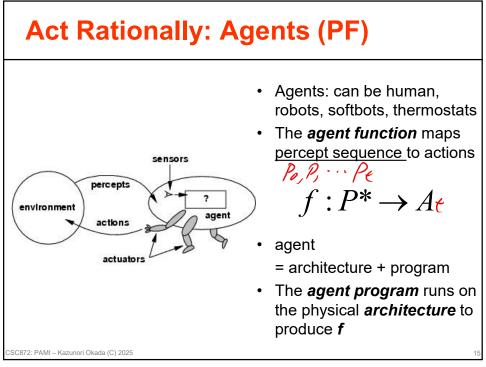




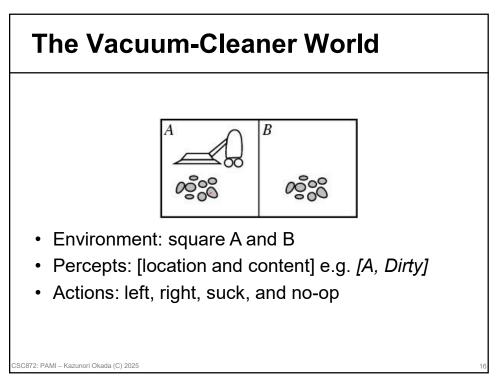


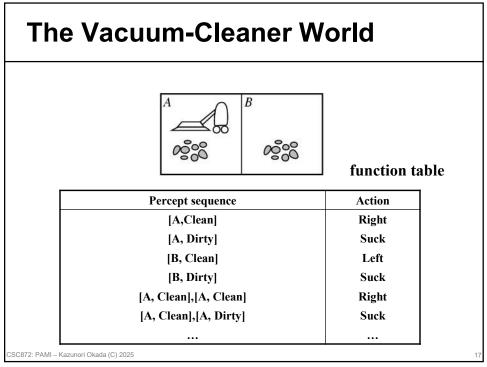


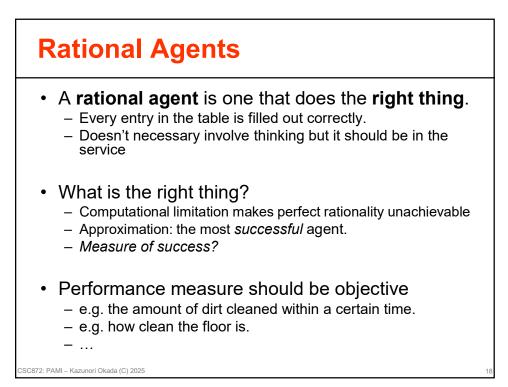


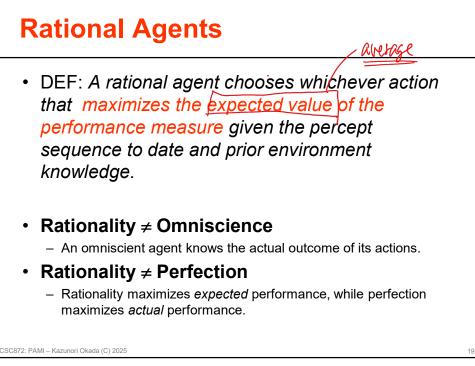




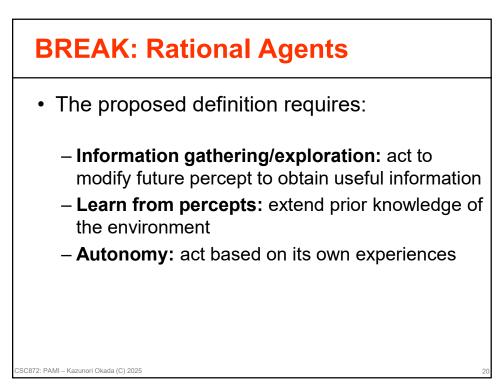


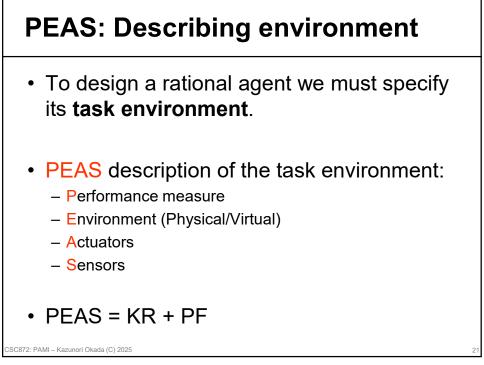




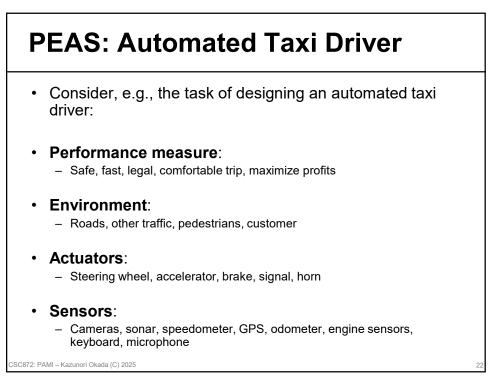


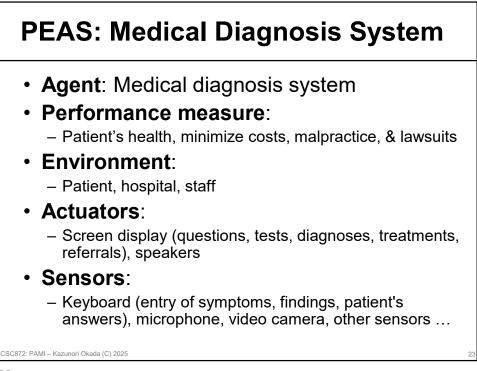


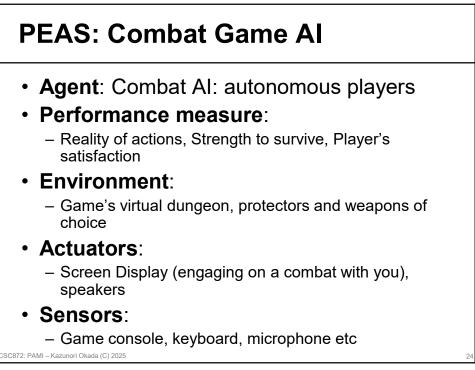


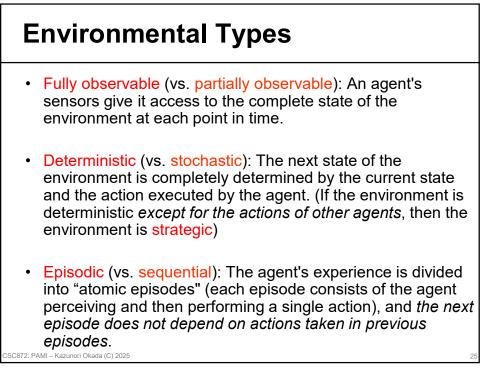


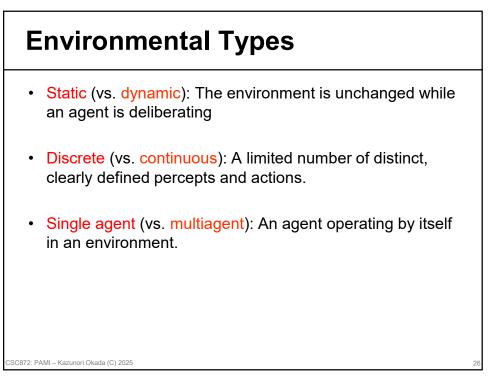


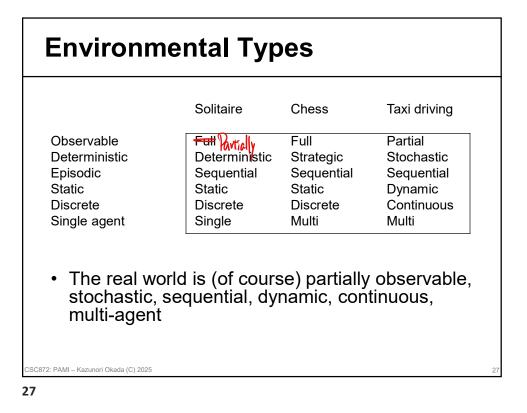


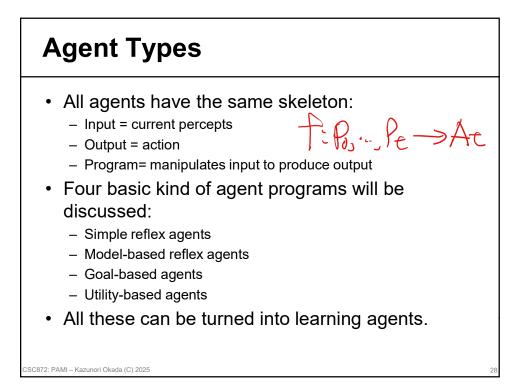


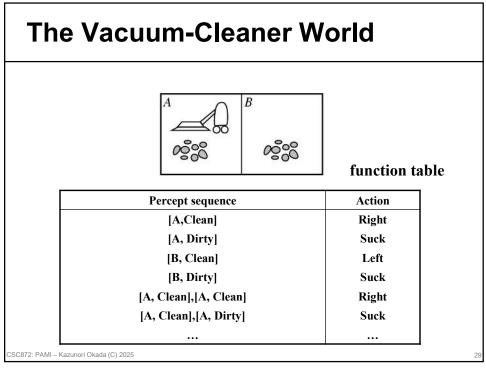


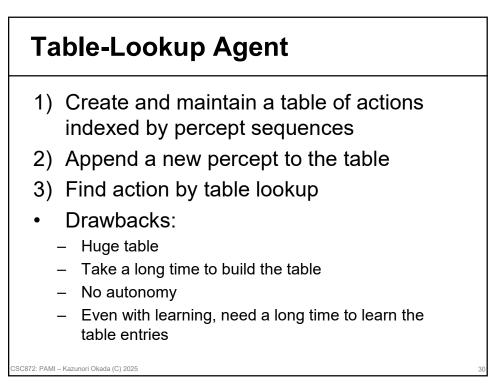


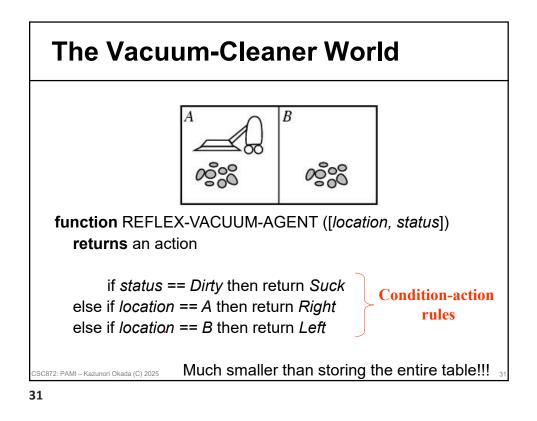


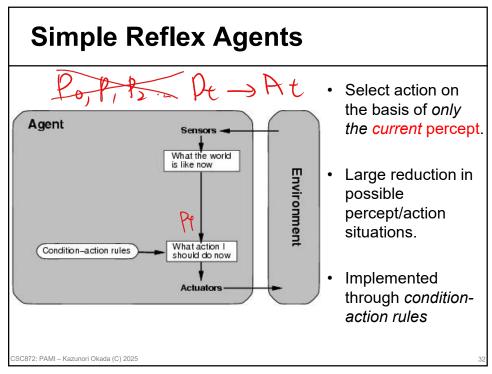


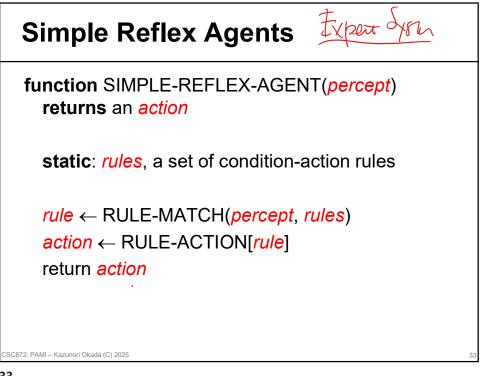




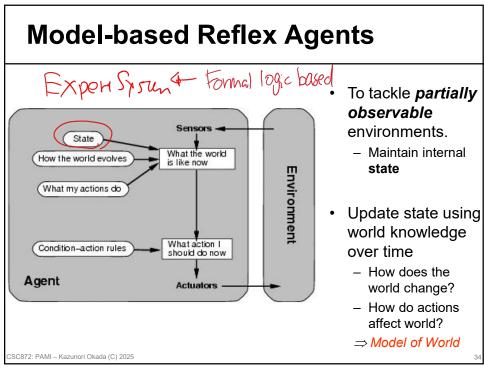


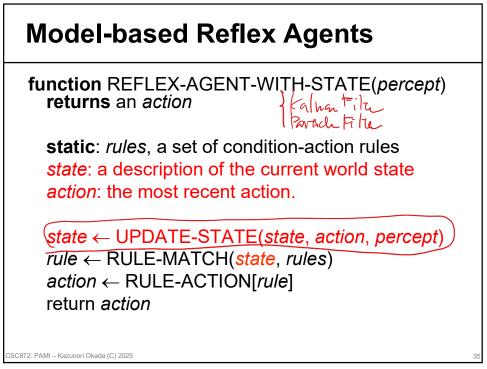


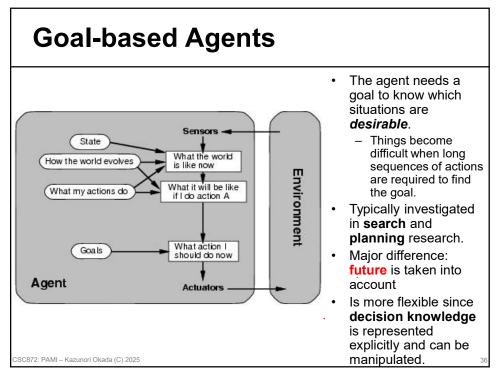


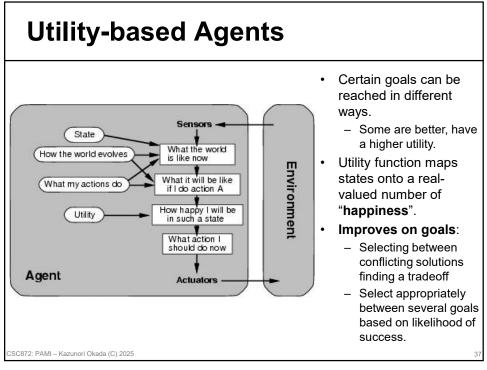




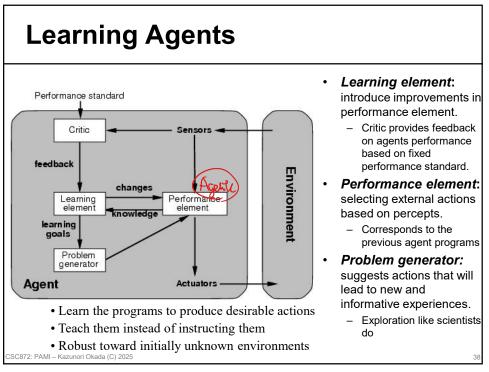












Summary

Overview

- Al History
- Four Approaches
- Rational Agents
- PEAS
- Environmental Types
- Agent Types → Next few lectures will see specific implementations.
- MATLAB exercise #1 after a break

• Next Lecture

- Search Agents: Goal-based and Utility-based Agents!
- MATLAB exercise #2

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