

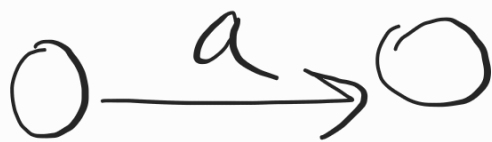
AI Theory, W1L2

Environments for agents

Consider an FA.



deterministic
FA



Non-determin.
FA

agents have the same types.

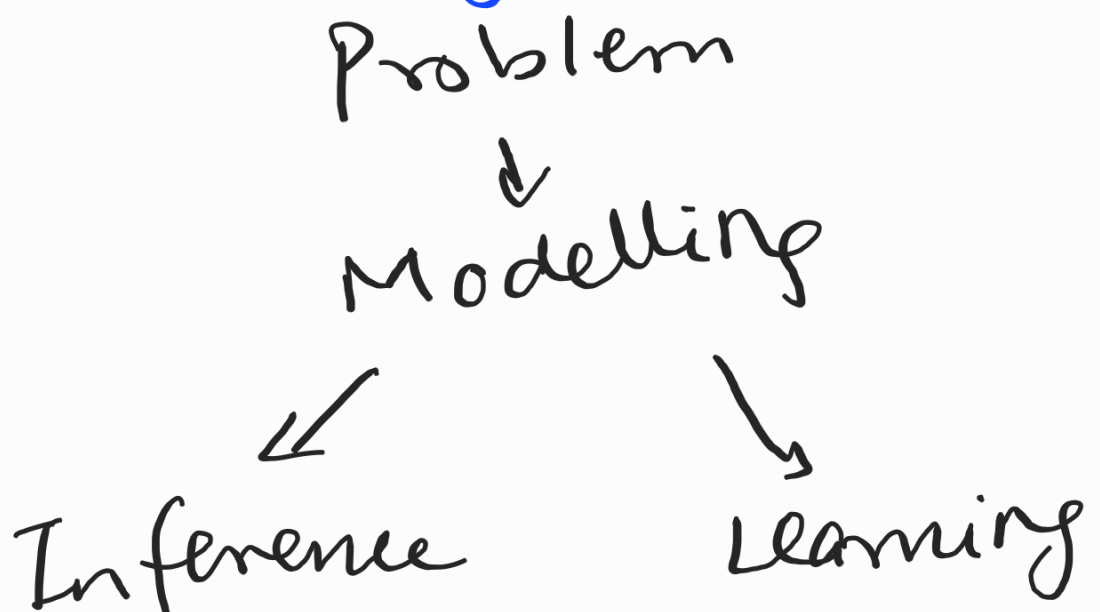
(book has details)

Two Views to Rational Approach

AI Agents → human level intelligence

AI tools → not humans, but major work
↓
our scope

Problem Solving Paradigms:



Low-level intelligence → reflex
based
model
↙
quick thinking

State based models

↳ (week 3)

Variable based model

↳ State based + constraint

Logic ^{based model} → NLP models (take
large data {heterogenous})

and reason with it.
etc. CHATGPT

