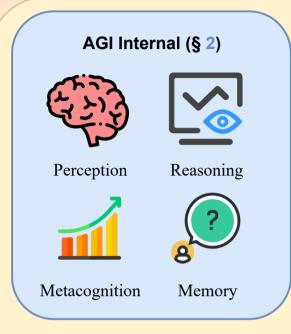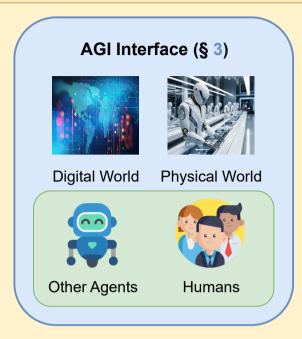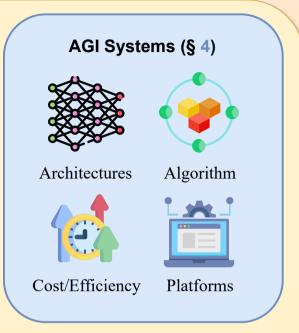# How Far Are We from AGI?

AGI Components

AGI Internal (§ 2)

Perception

Reasoning

Metacognition

Memory

AGI Interface (§ 3)

Digital World

Physical World

Other Agents

Humans

AGI Systems (§ 4)

Architectures

Algorithm

Cost/Efficiency

Platforms

AGI Alignment (§ 5)

Approach AGI Responsibly (§ 6)

AI Levels

Challenges

Evaluations

Solutions

Case Studies (§ 7)

Science Discovery

Generative Visual Intelligence

World Models

Decentralized LLMs

AI for Coding

AI for Robotics

Human-AI Collaboration