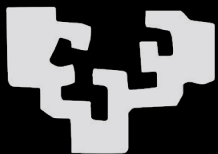


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2

AI methods

AI methods

1. Knowledge representation
2. Reasoning
3. Understanding
4. Planning



Knowledge representation

- Data
- Information
- Knowledge
- Commonsense
 - world knowledge
- Wisdom?



Reasoning

$$A \rightarrow B$$
$$A$$

$$B$$

Reasoning

$$\frac{A \rightarrow B \quad A}{B}$$

$$\frac{A \rightarrow B \quad A}{?}$$

Deduction

$$\frac{? \quad A}{B}$$

Induction

$$\frac{A \rightarrow B \quad ?}{B}$$

Abduction

Abductive reasoning

- Example 1:
 - Fred was hungry. He opened the fridge.
- Example 2:
 - Fred saw the plane flying over Zurich.
 - Fred saw the train flying over Zurich.

Understanding

- Natural language
- Images / videos
- Code / databases
- The web / documents
- Music
- ...
- The world?



Understanding



Understanding (ChatGPT)

What is this?



This is a cartoon image that humorously depicts the process of applying for a job at IKEA. The text at the top reads "Applying for a job at IKEA," and the scene shows a candidate entering a room where an interviewer is sitting at a desk. The interviewer says, "Make a chair and take a seat," while a disassembled chair is shown on the floor, highlighting IKEA's association with flat-pack furniture that customers assemble themselves.

Understanding (ChatGPT)

Why this cartoon is humorous?



The humor in this cartoon lies in the clever play on IKEA's brand identity and the interview situation:

1. **IKEA's Flat-Pack Furniture:** IKEA is famous for selling furniture that comes in flat packs, requiring customers to assemble it themselves. The idea of building furniture is strongly associated with the brand.
2. **Job Interview Twist:** In a typical job interview, you might expect questions or tasks related to your skills, not something as literal as assembling furniture on the spot.
3. **Wordplay on "Take a Seat":** The phrase "take a seat" is usually an invitation to sit down, but here it's taken literally. The candidate is required to build a chair before they can "take a seat."

This combination of brand-specific humor, the unexpected situation, and the literal interpretation of a common phrase creates a lighthearted and amusing scenario.

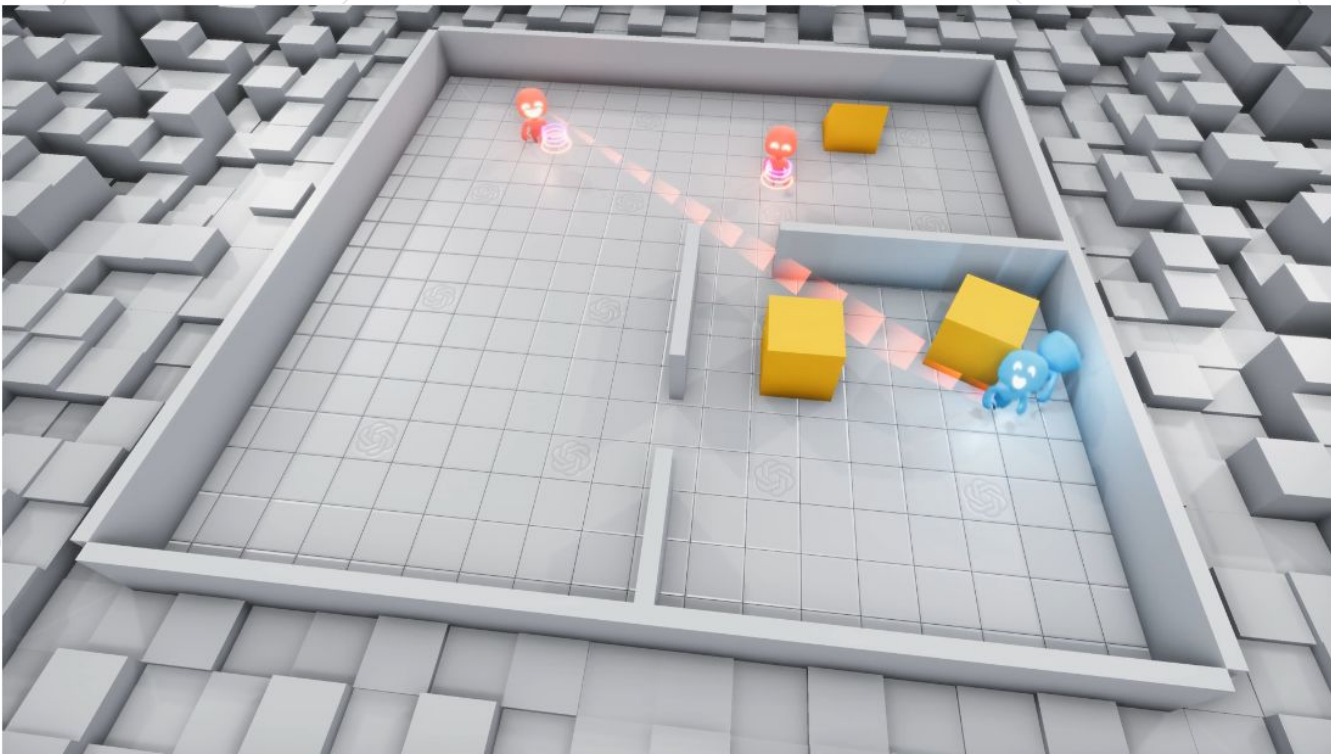
Understanding (ChatGPT)

Who is the author of this cartoon?



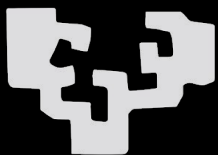
The cartoon is signed by "Canary Pete," who is likely the author or cartoonist behind this work. Canary Pete is known for creating humorous illustrations, often with clever wordplay or situational comedy.

Planning



<https://openai.com/blog/emergent-tool-use/>

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