

CS344M
Autonomous Multiagent Systems
Spring 2008

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Good Afternoon, Colleagues

Are there any questions?

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- Merkwelt?
- Is he still holding the line? Interested in anything else?
- What's new/unique about 3T?
- Which do I prefer?

Logistics

- Office hours

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- Programming assignment 4
 - UVA players
 - Help each other!
 - Start thinking about final project

Merkwelt

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- Every agent has its own *Merkwelt*.

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- *Merkwelt* ~ “perceptual world”
- Every agent has its own *Merkwelt*.
- Why should robots use a representation based on our *Merkwelt*?
- Do we know our own *Merkwelt*?

Brooks' Goals

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- Autonomous mobile agents that are seen as intelligent
- No interest in applications
- Timely, robust, do something
- How differ from 3T goals?
 - What are their stances towards modeling biology?
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Subsumption Architecture

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Subsumption Architecture

(journal article slides, planning slides)

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Group 1: Design a Pengi controller using subsumption

Group 2: Design a Pengi controller using 3T

Modules

“When researchers working on a particular module get to choose both the inputs and the outputs that specify the module requirements I believe there is little chance the work they do will fit into a complete intelligent system.”

Does this apply to 3T?

Could 3T apps have used subsumption?

- Why or why not?

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- The details of a complete agent
- Any comments?