Good Afternoon, Colleagues

Are there any questions?
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Are there any questions?

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

- Office hours
Logistics

- Office hours
- New discussion schedule
Logistics

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- Config file options
Logistics

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• Programming assignment 4
  – UVA players
Logistics

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- Programming assignment 4
  - UVA players
  - Help each other!
Logistics

- Office hours
- New discussion schedule
- Config file options
- Programming assignment 4
  - UVA players
  - Help each other!
  - Start thinking about final project
Merkwelt

- *Merkwelt* ~ “perceptual world”
- Every agent has its own *Merkwelt*. 
Merkwelt

- Merkwelt $\sim$ “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?
  – Which is more biologically plausible?
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- Autonomous mobile agents that are seen as intelligent
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How differ from 3T goals?
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Subsumption Architecture
Brooks’ Goals

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Subsumption Architecture

(journal article slides, planning slides)
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Questions

• Is he still holding the line? Interested in anything else?

• What’s new/unique about 3T?

• Which do I prefer?
Pengi

- Penguin chases monsters in a maze
- Can kill them with ice blocks
- Monsters can kill penguin by touching it
Pengi

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- What would it mean to do planning in this domain?
Pengi

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• What would it mean to do planning in this domain?

Group 1: Design a Pengi controller using subsumption

Group 2: Design a Pengi controller using 3T
"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?
The details of a complete agent

Any comments?