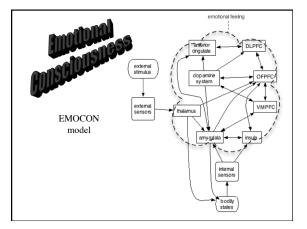
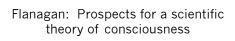


Understanding Consciousness

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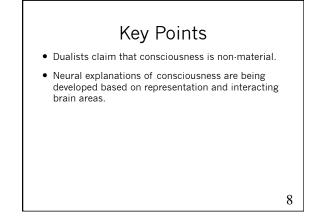
- Representations of representation
- Neuronal integration, as in EMOCON model.
- Temporal coordination
- Molecular basis: anesthesia.
- Multilevel mechanisms

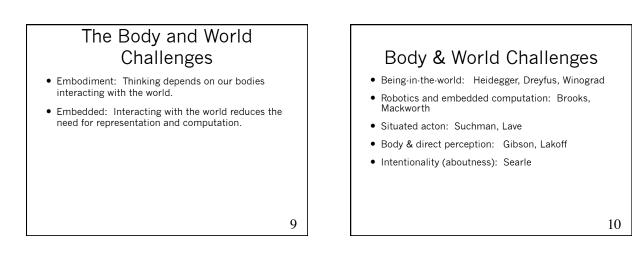


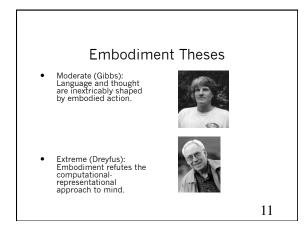


- Someday there may be a coherent theory of consciousness, as there is for memory.
- Single brain property: 40-hertz oscillations. Plus others to be discovered.
- Our common sense concept of consciousness may need revision.
- Relate consciousness to both psychological and neurological phenomena.

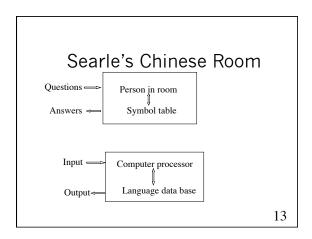
7

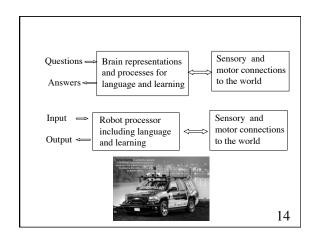


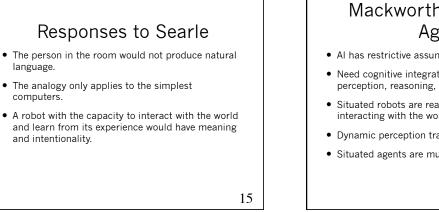












Mackworth on Situated Agents

- Al has restrictive assumptions about beliefs
- Need cognitive integration: tight coupling of perception, reasoning, and action.
- Situated robots are real physical systems interacting with the world.
- · Dynamic perception tracks the world.
- Situated agents are multiple (social).

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