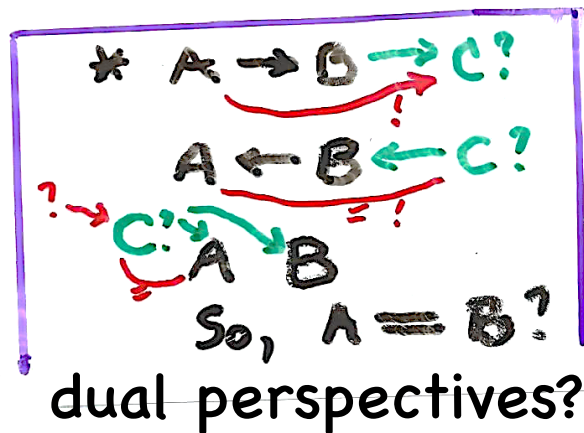
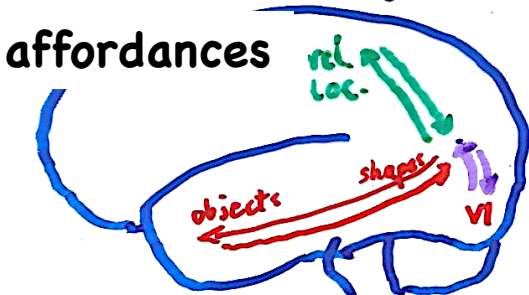
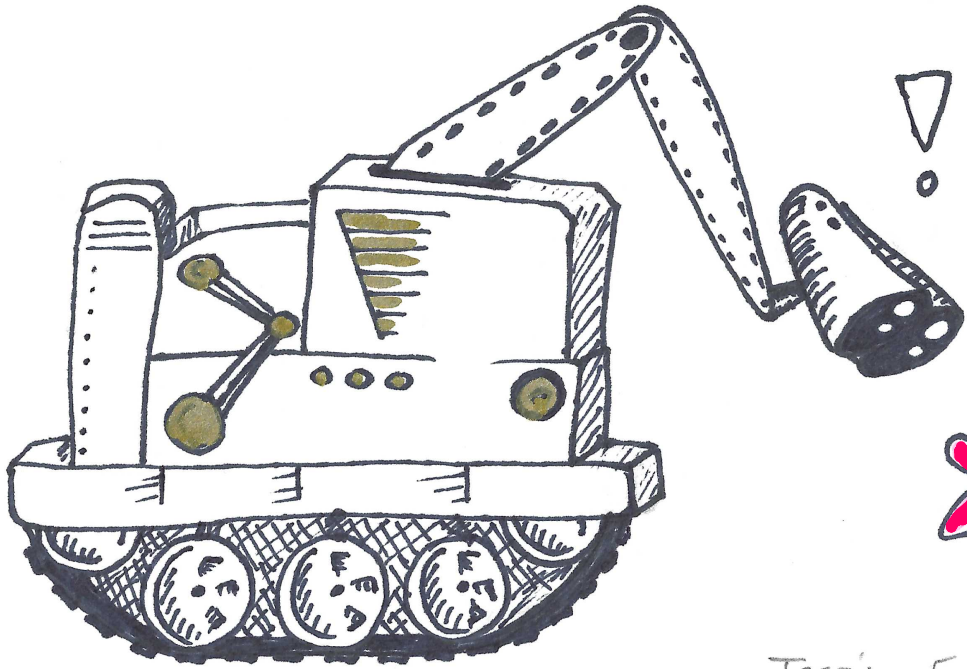


The Brain: Blackmore, ch. 2; Baars pp 66-71

- Physical basis of consciousness:
 - drugs; stimulation; sensory deprivation;
 - specialized regions for perception, control, planning, ...
 - no "central processor" (miss-crossing connections);
 - synesthesia; most processing is unconscious
- Neural correlates of experience
 - Pain: local electrochemistry → C-fibers → spinal chord → brain stem → thalamus → somatosensory cortex & cingulate cortex; amygdala
- Explaining A ↔ B correlation (processes ↔ qualia)
 - 4 possibilities [see below*] gravity; rainbows
- Binocular rivalry (N. Logothetis) (& J. Schell)
- Ramachandran: "qualia-laden" neurons; [symbolic abstraction in temporal lobe?]
- Damaged minds
 - stroke & hemifield neglect;
 - hippocampal damage & anterograde amnesia (Jimmy G.)
- Blindsight p70 Baars
 - D.F.: visual agnosia

wave/
particle
duality





Jessica Ervin
