

6.803/6.833 The Human Intelligence Enterprise
Prof. Patrick H. Winston
Assignment: Contributions

Papers

Brooks, Rodney A. "Intelligence without Representation." *Artificial Intelligence* 47: 139-159, 1991.

WRT: 45 min

Davis, Randall, Howard Shrobe, and Peter Szolovits. "What is a Knowledge Representation?" *AI Magazine* 14(1):17-33, 1993.

WRT: 50 min

Assignment

On a total of one side of one sheet of paper, using 10 pt type or larger, with standard interline spacing and margins, respond to all the following.

- Construct **Contributions** sections for both papers. Use bulletized lists.

Then, provide brief answers to the following questions:

- Imagine you are a devotee of the Brooks paper. Explain how you would dismiss the thoughts expressed in the paper by Davis et al. as completely irrelevant and wrong headed.
- Imagine you are a devotee of the Davis–Shrobe–Szolovits paper. Explain how you would dismiss the approach expressed in the paper by Brooks as completely irrelevant and wrong headed.

Discussion preparation (not part of written assignment)

Think about what you would write if you were writing abstracts for these papers. What, for example, would be your empowerment or entertainment promises?