

CISC 3410 Fall 2012, Post-Tropical Cyclone Sandy Makeup Exercise

Movies and TV shows often makes use of the idea of artificial intelligence. Sometimes the attempts are farcical. Sometimes they are a cheap plot twist, and sometimes a *deus ex machina* that get lazy scriptwriters out of dead-ends. However, there are examples where the idea of artificial intelligence is central to the plot, and the producers have made some attempt to engage with the topic more or less seriously.

This assignment asks you to examine one such example, and critique using what you have learnt this semester about the science of artificial intelligence.

First watch one or more of the following films:

- 2001: A Space Odessey
- Bicentennial Man
- I, Robot

Then answer the following questions:

1. Describe the role that artificial intelligence plays in the film(s) you watched.
2. Is the depiction of artificial intelligence in the film(s) realistic (given what we have studied this semester)? You should support your answer with examples, saying how the examples relate to what we have studied.
3. Describe one issue that is raised in the film(s) about the impact of artificial intelligence on people, either individually or for society as a whole. How is this issue resolved in the film(s)? What is your opinion of the resolution — you do find it convincing, and why?

Submission

Please bring your answers to the above questions to the final exam.