

Multiagent Systems
Instructor: Dr. Henry Hexmoor
Fall 2006 Class Homeworks

1. Consider our class lectures on *trust*. Read the following paper:

Matthew Richardson, Rakesh Agrawal, and Pedro Domingos (2003). " Trust Management for the Semantic Web" Proceedings of the Second International Semantic Web Conference (pp. 351-368), Sanibel Island, FL, 2003.

Summarize the calculus of “web of trust” in the following paper and contrast it with a calculus for “web of distrust”. Offer projected real-world applications for each calculus. Four weeks after assignment, turn in a 3000 word paper in APA style.

2. Consider our class lectures and related literature on *autonomy*. Read the following paper:

Jeffrey M. Bradshaw, Paul J. Feltovich, Hyuckchul Jung, Shriniwas Kulkarni, William Taysom, and Andrzej Uszok, 2004. “Dimensions of Adjustable Autonomy and Mixed-Initiative Interaction”

Four weeks after assignment, turn in a 3000 word paper titled “state of the art in adjusting individual and group autonomy”. This is due four weeks after assignment.