CMSI 682 KNOWLEDGE-BASED SYSTEMS
Fall 2011
Assignment 05

Assignment	Problems	Date Due

5	. Read editorial introduction to AI Magazine, 32:1 (citation below)
	. Read, write, and submit online a critique first article in the issue (citation below)
	. Record and report the amount of time you needed to
	    1. find the articles
	    2. read the articles
	    3. compose the critique
		28 September 2011

One of the issues faced by a knowledge engineer who is developing an expert system is the transfer of knowledge from the human expert to the computer. Ideally our systems would be able to learn directly from experts, or by observing expert problem solving. The spring 2011 issue of AI Magazine (32:1) focuses on *transfer learning*. For this assignment, first read the editorial introduction to this issue:

> Shapiro, D.G; Munoz-Avila, H; Stracuzzi, D. (2011) Special issue on structured knowledge transfer. *AI Magazine*, 32:1 p.12-14.

Next, read the first article in the issue:

> Taylor, M.E.; Sonte, P. (2011) An introduction to intertask transfer for reinforcement learning. *AI Magazine*, 32:1 p.15-34.

These articles are available from the Hannon Library electronic resources. You should be able to access them without coming to campus.

Last, report the amount of time you needed to complete this assignment, breaking it down ast noted above.