

Maryland Metacognition Seminar



Towards A Unified Framework for Learning and Processing Perceptual, Relational, and Meta Knowledge

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Abstract:

In this talk, I will present a framework for representing, learning, and processing meta-knowledge. This framework leverages a system initially developed for perceptual learning and processing to process both relational structures in general and feature hierarchies in particular. I will present preliminary results demonstrating how this system can be used to learn meta-ontologies, or feature hierarchies of feature hierarchies.