

Learning: new theoretical results and old applications

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The problem of learning is one of the main gateways to making intelligent machines and to understanding how the brain works. In this talk I will give a brief overview of recent work on learning theory, including new results on predictivity and stability of the solution of the learning problem. I will then describe recent efforts in developing machines that learn for applications such as visual recognition, computer graphics and bioinformatics.

Relevant papers can be downloaded from <http://www.ai.mit.edu/projects/cbcl/publications/all-year.html>