

WPI MATHEMATICAL SCIENCES DEPARTMENT

PRESENTS:

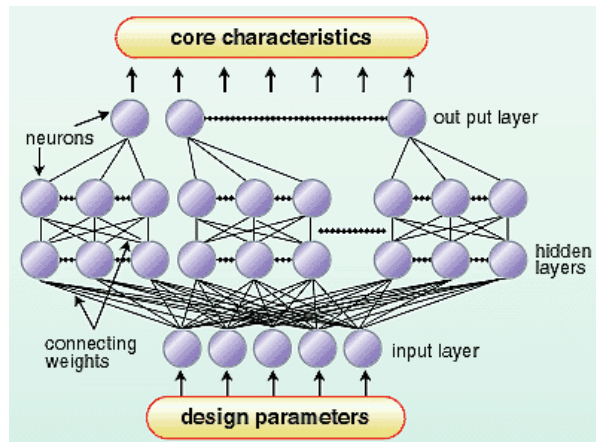
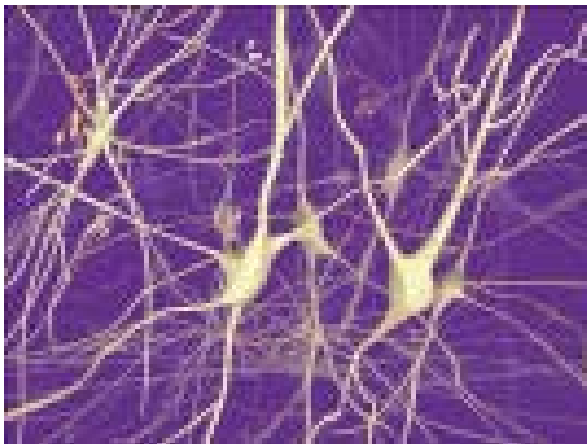
COOL MATH TALKS

Vadim Yakovlev

Mock Brain – Make It Yourself! An Unceremonious Introduction to Artificial Neural Network Technology

Abstract

We will give an informal overview of opening elements of the booming interdisciplinary technology – Artificial Neural Networks (ANN) recently emerged as a combination of certain parts of biology, mathematics, and computer sciences. Many examples of application of ANN to diverse practical problems will illustrate supremacy, flexibility, and universality of this approach. The major goal of the talk is to encourage students not to hesitate to approximate, associate, classify, predict, optimize and do other essential things with artificial neural networks.



Tuesday, November 2, 2004

4:00 PM

SH308

Pizza and soda will be served