

Auburn Montgomery

Department of Mathematics

Colloquium/*MAMS*

Time: Friday, November 7, 2008, 2:00pm

Place: Auburn Montgomery, Goodwyn Hall, Room 202

Speaker: Dr. Charles A. Micchelli, Department of Mathematics and Statistics, State University of New York at Albany

Title: Some Limitations of the Representer Theorem for Kernel Based Machine Learning Algorithms.

Abstract:

We review the point of view of machine learning for constructing a functional form from known data. The Representer Theorem is central for the practical use of this technique. In this talk, we will discuss the extent to which the Representer Theorem holds for similar algorithms for learning from data.

Refreshments will be served at 1:30pm; colloquium begins at 2:00pm.