

**Math & Computer Science
Colloquium**

Presents:

Daniel Christiansen

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Economics and Management

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Speaking on:

Dynamic Programming and Contraction Mappings

This talk provides an introduction to discounted dynamic programming with an infinite time horizon. The role of the optimal return function is discussed, and the contraction mapping theorem is used to provide an existence theorem for an optimal policy or plan.

November 3, 2011

Palenske 227

3:30PM

