

**Department of Mathematical Sciences
Colloquium**

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The University of Texas at El Paso

EXPONENTIAL DICHOTOMY OF ODE'S

In this talk we discuss the concept of exponential dichotomy of linear differential equations on a Banach space. Examples of exponentially dichotomic ODE's will be presented and we will prove roughness of Exponential Dichotomy for small L^∞ perturbation.

**Friday, May 1, 2009 at 3pm in Bell Hall 143
The University of Texas at El Paso**

Refreshments will be served in front of the colloquium room,
15 minutes before the start of the colloquium.

For further information, please contact Dr. Andrzej Pownuk, Bell Hall 201.

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