



Announcing

A COS Seminar

January 23, 2009 at 2:00 pm

SH303

at The University of Southern Mississippi

Speaker: C.S. Chen

Department of Mathematics
University of Southern Mississippi

Title: Derivation of the Particular Solution for Thin Plate Vibration

Abstract:

In this talk, we provide a simple algebraic factorization approach to derive the particular solutions for the equation of thin plate vibration in 2D and 3D. The main focus of this talk is its simplicity in the sense that minimal mathematical background is required for numerically solving higher order partial differential equations such as thin plate vibration. Two numerical examples are given to validate the particular solutions we derived.

Further Information

Further details and information about this and other departmental activities is available online at http://www.math.usm.edu/bulletin_board/.