



Events

[Current Events](#)[Lectures ▾](#)[Events Archive ▾](#)

Computational Mathematics Seminar Series

A Quadratic C0 Interior Penalty Method for the Displacement Obstacle Problem of Clamped Plates**Yi Zhang, LSU**Johnston Hall 338
September 20, 2011 - 03:30 pm**Abstract:**

The displacement obstacle problem of clamped plates is an example of a fourth order variational inequality whose numerical analysis is more subtle than that of second order variational inequalities. In this talk we will introduce C0 interior penalty methods for this problem. Both error estimates and numerical results will be discussed. This is joint work with Susanne Brenner, Li-yeng Sung and Hongchao Zhang.

Speaker's Bio:

Yi Zhang received his B.S. and M.S. in Mathematics from the School of Mathematics and Statistics, Wuhan University, in China. He is currently working on his Ph.D. in Mathematics at LSU.

Refreshments will be served.**This lecture has a reception.**