

*Department of Mathematics,
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Math 278A - Center for Computational Mathematics Seminar

Prof. Randolph Bank
UCSD

On the Convergence of Adaptive Feedback Loops

Abstract:

We present a technique for proving convergence of h and hp adaptive finite element methods through comparison with certain reference refinement schemes based on interpolation error. We then construct a testing environment where properties of different adaptive approaches can be evaluated and improved.

**Tuesday, April 17, 2018
10:00 AM
AP&M 2402**
