1106-49-1588

Peter Caya*, Center for Applied and Comp. Math., School of Mathematical Sciences, Rochester Institute of Technology, Rochester, and Baasansuren Jadamba and Akhtar A. Khan.

Numerical Identification of a Parameter in Fourth-Order Partial Differential Equations by a Modified Output Least Squares. Preliminary report.

This talk will focus on the inverse problem of identifying parameters in a fourth-order boundary value problem by using a modified output least squares. Numerical results will be presented. (Received September 14, 2014)