

Spring Lecture Series N.8

Numerical Analysis of Parameterized Non-Linear Equations (1983)

Principal Lecturer: Werner C. Rheinboldt, University of Pittsburgh

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Contributions By:

E. L. Allgower and P. Schmidt

Title: PI approximation of implicitly defined manifolds

Z. Jackiewicz

Title: Prediction corrector methods for the numerical solutions of Neutral functional-differential equations

R. B. Kearfott

Title: Second order predictions and continuations methods: Implementation and practice

M. Kwapisz

Title: On the convergence of iterative methods in abstract spaces

A. P. Morgan

Title: Computing all solutions to Polynomial systems using homogeneous coordinates in Euclidean space

A. Griewank and G. W. Reddien

Title: Computation of Turnong and bifurcation points for two point boundary value problems

D. Saupe

Title: Global Bifurcation of periodic Solutions to some autonomous differential delay equations

A. Griewank

Title: On solving nonlinear equations with simple singularities or nearly singular solutions