

Index

Atkinson, K. E.: The Numerical Solution of Laplace's Equation in Three Dimensions-II	1
Baker, C. T. H.; Riddell, I. J.; Keech, M. S., and Amini, S.: Runge-Kutta Methods with Error Estimates for Volterra Integral Equations of the Second Kind	24
Bestehorn, M.: Die Berechnung pharmakokinetischer Parameter. Ein Bericht aus der Praxis	43
Brunner, H.: Superconvergence in Collocation and Implicit Runge-Kutta Methods for Volterra-Type Integral Equations of the Second Kind	54
Christiansen, S.: Numerical Treatment of an Integral Equation Originating from a Two-Dimensional Dirichlet Boundary Value Problem	73
Eckhardt, U. and Mika, K.: Numerical Treatment of Incorrectly Posed Problems. A Case Study	92
Hock, W.: Ein Extrapolationsverfahren für Volterra-Integralgleichungen 2. Art	102
Hoffmann, K.-H. und Kornstaedt, H.-J.: Zum inversen Stefan-Problem	115
Kardestuncer, H.: The Simultaneous Use of Differential and Integral Equations in One Physical Problem	144
Kershaw, D.: An Error Analysis for a Numerical Solution of the Eigenvalue Problem for Compact Positive Operators	151
Knauff, W. and Kress, R.: A Modified Integral Equation Method for the Electric Boundary-Value Problem for the Vector Helmholtz Equation	157
Marti, J. T.: On the Numerical Stability in Solving Ill-Posed Problems	171
McCormick, S.: Mesh Refinement Methods for Integral Equations	183
Opfer, G.: Evaluation of Weakly Singular Integrals	191
Spence, A. and Moore, G.: A Convergence Analysis for Turning Points of Nonlinear Compact Operator Equations	203
Tesei, A.: Approximation Results for Volterra Integro-Partial Differential Equations	213
Töpfer, H.-J. und Volk, W.: Die numerische Behandlung von Integralgleichungen zweiter Art mittels Splinefunktionen	228
Wendland, W. L.: On Galerkin Collocation Methods for Integral Equations of Elliptic Boundary Value Problems	244