

Missouri Journal of Mathematical Sciences
Volume 11 Number 1 Winter 1999
(ISSN 0899-6180)

Contents

EDITORIAL

2 Editorial, *by Terry Goodman.*

ARTICLES

4 A Simple Reduction of the Poincaré Differential Equation to Cauchy Matrix Form, *by Ice B. Risteski.*

10 Remarks on a Factorization of $X^n - Y^n$, *by Richard E. Bayne, James E. Joseph, Myung H. Kwack, and Thomas H. Lawson.*

19 Solving Boundary Value Problems Numerically Using Steepest Descent in Sobolev Spaces, *by W. T. Mahavier.*

33 Durand-Kerner Root-Finding Method for the Generalized Tridiagonal Eigenproblem, *by Kuiyuan Li.*

44 Half a Parabola, *by Mangho Ahuja.*

PROBLEMS

45 Problems 124–128.

SOLUTIONS

48 Solutions 113–116.

OTHER INFORMATION

65 Announcements