

THE ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 12

Summer 1982

Number 3

CONTENTS

The Gelfand-Levitan and Marcenko equations via transmutation By ROBERT CARROLL .....	393
Limits of Dirichlet finite functions along curves By MOSES GLASNIER AND RICHARD KATZ .....	429
On Lie groups with minimal generating sets of order equal to their dimension By RICHARD M. KOCH AND FRANKLIN LOWENTHAL .....	437
Computable error bounds for finite element approximations to the Dirichlet problem By ROBERT E. BARNHILL AND CALVIN H. WILCOX .....	459
Univalence criteria and the hyperbolic metric By C.D. MINDA AND D.J. WRIGHT .....	471
Extension of $\ell$ -homomorphisms By ELEANOR R. ARON, ANTHONY W. HAGER AND JAMES J. MADDEN .....	481
The Dunford-Pettis property of some spaces of affine vector-valued functions By PAULETTE SAAB .....	491
Differentiation on the dual of a group: an introduction By MARTIN E. WALTER .....	497
Closed graph theorem for Banach bundles By C.W. BAKER .....	537
Conditions for countability of the spectrum of a separable $C^*$ -algebra By CHARLES A. AKEMANN .....	545
Lebesgue and strong unicity constants for Zolotareff polynomials By MYRON S. HENRY AND JOHN J. SWETITS .....	547
Generalized pure injectivity in the constructible universe By CHARLES MEGIBBEN .....	557
Singular perturbation of two Cauchy problems in a Hilbert space By PHILIP J. ENGSTROM .....	561
On factor states By STEVE WRIGHT .....	569
Normal fibrations and the existence of tubular neighborhoods By W.O. NOWELL, JR. ....	581