

ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 38

2008

Number 1

CONTENTS

On the Oscillation of First Order Delay Dynamic Equations
With Variable Coefficients
BY H.A. AGWO 1

Multiplicity of Positive Solutions for a Mixed Boundary
Elliptic System
BY CLAUDIANOR O. ALVES 19

Composition of Operators in Orlicz Spaces
BY B. BONGIOANNI AND E. HARBOURE 41

Conditional Analytic Feynman Integral over Product Space
of Wiener Paths in Abstract Wiener Space
BY DONG HYUN CHO 61

Trigonometric Splines with Variable Shape Parameter
BY N. CHOUBEY AND A. OJHA 91

On the Upward Embedding on the Torus
BY ARDESHIR DOLATI, S. MEHDI HASHEMI, AND
MASOUD KHOSRAVANI 107

When is Betweenness Preserved?
BY XIANG-DONG HOU AND GREGORY MCCOLM 123

On Multi-Dimensional SDEs with Locally Integrable Coefficients
BY V.P. KURENOK AND A.N. LEPEYEV 139

An Overview of Graphs Associated with Character Degrees
And Conjugacy Class Sizes in Finite Groups
BY MARK L. LEWIS 175

Numerical Index of Banach Spaces of Weakly or Weakly-Star
Continuous Functions
BY GINÉS LÓPEZ, MIGUEL MARTÍN AND JAVIER MERÍ 213

On Recurrence Relations for the Extensions of Euler Sums
BY YAO LIN ONG AND MINKING EIE 225

CONTENTS CONTINUED ON LAST PAGE

Integral and Nuclear Operators on the Space $C(\Omega, c_0)$ BY DUMITRU POPA	253
Flat Epimorphisms and a Generalized Kaplansky Ideal Transform BY JAY SHAPIRO	267
A Family of the Functional Epsilon Algorithms for Accelerating Convergence BY R. THUKRAL.....	291
Second-Order Sturm-Liouville Boundary Value Problem Involving the One-Dimensional p -Laplacian BY YU TIAN AND WEIGAO GE	309
Q_K Spaces Via Higher Order Derivatives BY HASI WULAN AND KEHE ZHU	329
The Characterization of Moore-Penrose Inverse Module Maps and their Continuity BY LUNCHUAN ZHANG	351