ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 40 2010 Number 3

CONTENTS

Rings Over which All Modules are Strongly Gorenstein Projective
By Driss Bennis, Najib Mahdoua and Khalid Ouarghi 749

Generalized Fourier-Feynman Transforms, Convolution Products, and First Variations on Function Space
By Seung Jun Chang, Jae Gil Choi and David Skoug 761

Fourier-Feynman Transforms, Convolutions and First Variations on the Space of Abstract Wiener Space Valued Continuous Functions
By K.S. Chang, B.S. Kim, T.S. Song and I. Yoo 789

Grade Stable Lie Algebras I
By Seul Hee Choi and Ki-Bong Nam 813

The Reflexive and Anti-Reflexive Solutions of a Linear Matrix Equation and Systems of Matrix Equations
By Mehdi Dehghan and Masoud Hajarian 825

Approximation of the Jacobi Polynomials and the Racah Coefficients
By U. Elias and H. Gingold 849

Existence of Nonstationary Periodic Solutions of Γ-Symmetric Asymptotically Linear Autonomous Newtonian Systems with Degeneracy
By Justyna Fura, Anna Gołębiewska and Haibo Ruan 873

Bounds for Strengthened Hardy and Polya-Knopp's Differences
By Sabir Hussain and J. Pečarić 913

Ranks of Cross Commutators on Backward Shift Invariant Subspaces over the Bidisk
By Kei Ji Izuchi and Kou Hei Izuchi 929

Multiplicity of Solutions for Elliptic Systems with Topological Methods
By Yinghua Jin, Q-Heung Choi and Kyeongpyo Choi 943

Convex Polynomial and Ridge Approximation of Lipschitz Functions in $\mathbf{R}^d$
By V.N. Konovalov, K.A. Kopotun and V.E. Maiorov 957

CONTENTS CONTINUED ON LAST PAGE

An Algorithm to Compute the Kauffman Polynomial of 2-Bridge Knots
By Bin Lu and Jianyuan K. Zhong 977

On the Diophantine Equation $x^4 - q^4 = py^3$
By Florian Luca and Alain Togbé 995

Some Remarks on the Generalized Tanaka-Webster Connection of a Contact Metric Manifold
By Beniamino Cappelletti Montano 1009

Minimal Prime Ideals and Semistar Operations
By Parviz Sahandi 1039

Multiple Dirichlet Series Interpolating Bell Numbers and Stirling Numbers
By Hirofumi Tsumura 1051

Convexity of the Integral Arithmetic Mean of a Convex Function
By X.M. Zhang and Y.M. Chu 1061