ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 30 Fall 2000 Number 3

CONTENTS

On Functional Representation of Commutative Locally A-Convex Algebras
By Jorma Arhippainen 777

Vector Bundles on a Formal Neighborhood of a Curve in a Surface
By E. Ballico and E. Gasparim 795

Willmore Tori in a Wide Family of Conformal Structures on Odd Dimensional Spheres
By J.L. Cabrerizo and M. Fernández 815

Analytic Fourier-Feynman Transform and Convolution of Functionals on Abstract Wiener Space
By Kun Soo Chang, Byoung Soo Kim and Il Yoo 823

On Equal Sums of Sixth Powers
By Ajai Choudhry 843

Equal Sums of Seventh Powers
By Ajai Choudhry 849

A Note on Schur-Convex Functions
By N. Elezović and J. Pečarić 853

Singular Points for Tilings of Normed Spaces
By Vladimir P. Fonf, Antonio Pezzotta and Clemente Zanco 857

Generation of Analytic Semi-Groups by Second-Order Differential Operators with Nonseparated Boundary Conditions
By José M. Gallardo 869

Some Results on Mean Lipschitz Spaces of Analytic Functions
By Daniel Girela and Cristóbal González 901

Quasinormal Operators Similar to Irreducible Ones
By Ching-I Hsin 923

Monotonicity and Rotundity Properties in Banach Lattices
By H. Hudzik, A. Kamińska and M. Mastyło 933

Universal Binary Positive Definite Hermitian Lattices
By Hiromu Iwabuchi 951

Diophantine Approximation by Cubes of Primes and an Almost Prime
By A. Kumchev 961

CONTENTS CONTINUED ON BACK PAGE

Sharp Regularity Theory for Elastic and Thermoelastic Kirchoff Equations with Free Boundary Conditions
By I. Lasiecka and R. Triggiani 981

Fourier-Type Minimal Extensions in Real L_1-Space
By Grzegorz Lewicki, Giuseppe Marino and Paolamaria Pietramala 1025

Compactness of the Difference between the Thermoviscoelastic Semigroup and Its Decoupled Semigroup
By Wei-Jiu Liu 1039

Approach Groups
By R. Lowen and B. Windels 1057

Enforced Drainage Terrain Models Using Minimum Norm Networks and Smoothing Splines
By Leonor Malva and Kęstutis Šalkauskas 1075

A Theorem on Transcendence of Infinite Series
By M.A. Nyblom 1111

Galois Representations Attached to the Product of Two Elliptic Curves
By Amadeu Reverter and Núria Vila 1121

Diffeomorphisms with the Average-Shadowing Property on Two-Dimensional Closed Manifolds
By Kazuhiro Sakai 1129

Existence of Positive Solutions of Higher Order Nonlinear Neutral Differential Equations
By Satoshi Tanaka 1139

Exact Location of α-Bloch Spaces in L^p_a and H^p of a Complex Unit Ball
By Weisheng Yang and Caiheng Ouyang 1151