ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 28 Summer 1998 Number 2

CONTENTS

On the Simultaneous Behavior of the Dependence Coefficients Associated with Three Mixing Conditions
By Richard C. Bradley 393

Resonance for Quasilinear Elliptic Higher Order Partial Differential Equations at the First Eigenvalue
By Martha Contreras 417

Polynômes et Puissances Pures
By Laurent Denis 445

On Ramanujan's Tau Function
By J.A. Ewell 453

On a Class of Additive Group Actions on Affine Three-Space
By David R. Finston and Sebastian Walcher 463

Asymptotic Constancy of Solutions of Delay-Differential Equations of Implicit Type
By Julio Gallardo and Manuel Pinto 487

An Application of Regularly Varying Functions
By Y.-T. Huang, J. Ibbotson and Z. Zielezny 505

Bilinear Integration in Tensor Products
By Brian Jefferies and Susumu Okada 517

Sobolev Orthogonal Polynomials and Second-Order Differential Equations
By K.H. Kwon and L.L. Littlejohn 547

Excursions of a Random Walk Related to the Strong Law of Large Numbers
By Travis Lee, Max Minzner and Evan Fisher 595

Isometric Isomorphisms between Normed Spaces
By Chi-Kwong Li and Wasin So 607

Riemannian Manifolds with Conical Singularities
By Zhong-Dong Liu, Zhongmin Shen and Dagang Yang 625

A Simplified Proof of Oshiro's Theorem for co-H Rings
By William T.H. Loggie 643

Higher Order Flatness of Immersed Manifolds
By Jeffrey Lutgen 649

CONTENTS CONTINUED ON BACK PAGE

A Note on Dedekind Domains
By Shing Hing Man 655

Like Vanishing Holomorphic Random Functions
By F. Martinez and A.R. Villena 657

A Birkhoff Theorem for Riemann Surfaces
By Alfonso Montes-Rodríguez 663

Inclusion Theorems for Convolution Product
of Second Order Polylogarithms and Functions
with the Derivative in a Halfplane
By S. Ponnusamy 695

On the Profinite Topology of the Automorphism
Group of a Residually Torsion Free Nilpotent Group
By E. Raptis and D. Varsos 735

A Note on Ascoli's Theorem
By Manuel Sanchis 739

Random Fourier Series and Absolute Summability
By Nasser Towghi 749

On the Eigenvalues of Boundary Value Problems
for Higher Order Difference Equations
By Patricia J.Y. Wong and Ravi P. Agarwal 767