ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 24 Fall 1994 Number 4

CONTENTS

Thomas’s Structure Bundle for Conformal, Projective
and Related Structures
By T.N. Bailey, M.G. Eastwood and A.R. Gover.............. 1191

Oscillatory and Asymptotic Properties of the Solutions
of a Class of Operator-Differential Equations
By D.D. Bainov, M.B. Dimitrova, and A.D. Myshkis .......... 1219

The Riemann-Hilbert Problem for Singular
Positive Loops
By Edwin J. Beggs ............................................. 1231

Strictly Cyclic Vectors for Induced Representations
of Locally Compact Groups
By Robert C. Berek ........................................... 1255

On the Absolute Riesz Summability Factors
By Hüseyin Bor ................................................. 1263

A Quasi Inner Product Approach for Constructing
Solution Representations of Cauchy Problems
By L.R. Bragg .................................................. 1273

On the Structure of Shift-Invariant Subspaces
of $L^2(T^2,\mu)$
By R. Cheng ................................................... 1307

An Interpolation Scheme with Radial Basis
in Sobolev Spaces $H^s(R^n)$
By Julio G. Dix and Robert D. Ogden ....................... 1319

Continuous Nowhere Differentiable Functions
and Algebraic Integers
By Vladimir Drobot ......................................... 1339

Dimension $c$ of Orbits and Continuity
ofTranslations for Semigroups
By H.A.M. Dinh and Colin C. Graham ....................... 1353

On Equivalent Characterizations of Weakly Compactly
Generated Banach Spaces
By M. Fabian and J.H.M. Whitfield ......................... 1363

On the Existence of Tangent Hyperplanes to Full
Sublattices of Euclidean Space
By Gerhard Cierz and Albert R. Stralka .................... 1379

Riesz Decomposition in Inductive Limit $C^*$-Algebras
By K.R. Goodearl ........................................... 1405

CONTENTS CONTINUED ON BACK PAGE
Extremal Problems of Markov's Type for Some Differential Operators
By Allal Guessab and Gradimir V. Milovanović ............... 1431

Remainders, Singular Sets and the Cantor Set
By James P. Keisler and Don A. Mattson ...................... 1439

On the Blow-up of Solutions to Some Semilinear and Quasilinear Reaction-Diffusion Systems
By S. L. Hollis and J. J. Morgan .................. 1447

On the Divisibility of \( h^+ \) by the Prime 3
By Stanislav Jakubec .......................................... 1467

Isometries of Musielak-Orlicz Spaces Equipped with the Orlicz Norm
By Anna Kamińska ................................................ 1475

Characteristic 4 Witt Rings that are the Product of Group Rings
By Timothy P. Keller ............................................. 1487

A Restriction-Extension Property for Operators on Banach Spaces
By Vania Mascioni .................................................. 1497

Extremal Disks and Composition Operators on Convex Domains in \( C^n \)
By Peter R. Mercer ............................................. 1509

Rees Rings and Derivations
By Silvia Molinelli and Grazia Tamone ...................... 1521

A Splitting Criterion for a Class of Mixed Modules
By Otto Mutzbaier and Elias Toubassi ..................... 1533

Selections of Maps with Nonclosed Values and Topologically Regular Maps
By D. Repovš, P. V. Semenov, and E.V. Ščepin .............. 1545

Realizations of Finite Dimensional Algebras over the Rationals
By C. Vinsonhaler and W.J. Wickless ...................... 1553

Combinatorial Properties of Intervals in Finite Solvable Groups
By Volkmar Welker ............................................. 1567

Volume Index for Volume 4 .................................. 1591