ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 41 2011 Number 2

CONTENTS

Lloyd K. Jackson's Life and Work
By Lynn Erbe and Allan Peterson 349

Linear systems of fractional nabla difference equations
By Ferhan M. Atici and Paul W. Eloe 353

Some fixed point theorems of Leggett-Williams type
By Richard Avery, Douglas Anderson and Johnny Henderson 371

A singularity analysis of positive solutions to an Euler-Lagrange integral system
By Jerrold Bebernes, Yutian Lei and Congming Li 387

Multidimensional graph completions and Cellina approximable multifunctions
By Alberto Bressan and Russell Deforest 411

Steady state solutions of a logistic equation with nonlinear boundary conditions
By Robert S. Cantrell, Chris Cosner and Salomé Martínez 445

GPU-based methods for exploring parabolic partial differential equations
By David Eberly and Jerrold Bebernes 457

Oscillation of nth order superlinear dynamic equations on time scales
By Lynn Erbe, Jia Baoguo and Allan Peterson 471

Asymptotic statistical characterizations of p-harmonic functions of two variables
By David Hartenstine and Matthew Rudd 493

A hyperbolic non-local problem modelling MEMS technology
By N.I. Kavallaris, A.A. Lacey, C.V. Nikolopoulos and D.E. Tzanetis 505

Sub-supersolution method in variational inequalities with multivalued operators given by integrals
By Vy Khoi Le 535

CONTENTS CONTINUED ON LAST PAGE

Boundary Value Problems for Singular Elliptic Equations
By Nguyen Hoang Loc and Klaus Schmitt 555

Nagumo conditions and second-order quasilinear equations with compatible nonlinear functional boundary conditions
By Jean Mawhin and H.B. Thompson 573

Well-posedness and dissipativity for a model of bacteriophage and bacteria in a flow reactor
By Hal L. Smith 597

Stochastic extinction and runaway growth in discrete biological models
By William C. Troy 615