ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 48 2018 Number 5

CONTENTS

Elliptic problems involving natural growth in the gradient and general absorption terms
By Haydar Abdelhamid 1385

On nonlocal fractional Laplacian problems with oscillating potentials
By Vincenzo Ambrosio, Luigi D'Onofrio and Giovanni Molica Bisci 1399

Modeling rogue waves with the Kadomtsev–Petviashvili (KP) equation
By Ion Bica and Randy Wanye K. 1437

On Riemannian surfaces with conical singularities
By Charalampos Charitos, Ioannis Papadoperakis and Georgios Tsapogas 1455

Differential subordination of a harmonic mean to a linear function
By Oliwia Chojnacka and Adam Lecko 1475

K-theory and index pairings for C*-algebras generated by q-normal operators
By Ismael Cohen and Elmar Wagner 1485

Continuous-trace k-graph C^*-algebras
By Danny Crytser 1511

Invariant curves and integrability of planar $\mathcal{C}^r$ differential systems
By Antoni Ferragut and Jaume Llibre 1537

The upper Vietoris topology on the space of inverse-closed subsets of a spectral space and applications
By Carmelo A. Finocchiaro, Marco Fontana and Dario Spirito 1551

The local S-class group of an integral domain
By Ahmed Hamed 1585

The solution of a new Caputo-like fractional h-difference equation
By Baoguo Jia, Xiang Liu, Feifei Du and Mei Wang 1607

CONTENTS CONTINUED ON LAST PAGE

Nearly Krull domains and nearly Prüfer v-multiplication domains
By Jung Wook Lim 1631

On the existence of ground states of nonlinear fractional Schrödinger systems with close-to-periodic potentials
By Gongming Wei and Xueliang Duan 1647

Global asymptotic stability of positive steady states of a solid avascular tumor growth model with time delays
By Shihe Xu and Fangwei Zhang 1685

Global existence and decay rate of strong solution to incompressible Oldroyd type model equations
By Baoquan Yuan and Yun Liu 1703

Viscous limits for a Riemannian problem to a class of systems of conservation laws
By Yanyan Zhang and Yu Zhang 1721