

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