

ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 46

2016

Number 4

CONTENTS

Asymptotic behavior of strongly damped nonlinear beam equations
BY AHMED Y. ABDALLAH 1071

Reverse Young-type inequalities for matrices and operators
BY MOJTABA BAKHERAD, MARIO KRNIĆ AND MOHAMMAD
SAL MOSLEHIAN 1089

Partial crossed products and fully weakly prime rings
BY WAGNER CORTES AND MARLON SOARES 1107

Kummer surfaces and K3 surfaces with $(\mathbb{Z}/2\mathbb{Z})^4$ symplectic action
BY ALICE GARBAGNATI AND ALESSANDRA SARTI 1141

K -theory and homotopies of 2-cocycles on group bundles
BY ELIZABETH GILLASPY 1207

Asymptotic resemblance
BY SH. KALANTARI AND B. HONARI 1231

Contractions of del Pezzo surfaces to \mathbb{P}^2 or $\mathbb{P}^1 \times \mathbb{P}^1$
BY JAE-HYOUNG LEE 1263

The minimum matching energy of bicyclic graphs with given girth
BY HONG-HAI LI AND LI ZOU 1275

Progress concerning the local-global principle for zero-cycles on
algebraic varieties
BY YONGQI LIANG 1293

τ -Regular factorization in commutative rings with zero-divisors
BY CHRISTOPHER PARK MOONEY 1309

Graph compositions of suspended Y -trees
BY EUNICE MPHAKO-BANDA AND SIMON WERNER 1351

CONTENTS CONTINUED ON LAST PAGE

Variations on the Itô-Michler theorem on character degrees	
BY GABRIEL NAVARRO	1363
Two sided α -derivations in 3-prime near-rings	
BY M. SAMMAN, L. OUKHTITE, A. RAJI AND A. BOUA	1379