## ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 48 2018 Number 7

## CONTENTS

Genus fields of abelian extensions of rational congruence function fields, II By Jonny Fernando Barreto-Castañeda, Carlos Montelongo-Vázquez, Carlos Daniel Reyes- Morales, Martha Rzedowski-Calderón and Gabriel Villa-Salvador
Families of Calabi-Yau elliptic fibrations in $\mathbb{P}(\mathcal{L}^a \oplus \mathcal{L}^b \oplus \mathcal{O}_B)$ By Andrea Cattaneo
Elliptic curves containing sequences of consecutive cubes By Gamze Savaş Çelik and Gökhan Soydan
Weakly factorial property of a generalized Rees ring $D[X,d/X]$ By Gyu Whan Chang
Infinitely many solutions of systems of Kirchhoff-type equations with general potentials  By Guofeng Che and Haibo Chen
Note on the truncated generalizations of Gauss's square exponent theorem  By Shane Chern
On conjugacy of abstract root bases of root systems of Coxeter groups By Matthew Dyer
Some refinements of classical inequalities By Shigeru Furuichi and Hamid Reza Moradi
Dominating sets in intersection graphs of finite groups By Selçuk Kayacan
On the stability of two neuron populations interacting with each other  By Berrak Özgür and Ali Demir
K3 surfaces with $\mathbb{Z}_2^2$ symplectic action BY Luca Schaffler

## CONTENTS CONTINUED ON LAST PAGE

Zeros of random orthogonal polynomials with complex Gaussian coefficients BY AARON YEAGER	2385
General weighted Hardy-type inequalities related to Greiner operators BY ABDULLAH YENER	2405
Optimal Morrey estimate for parabolic equations in divergence form via Green's functions	
By Junjie Zhang and Shenzhou Zheng	2431