

ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 46

2016

Number 3

---

CONTENTS

C\*-algebras of 2-groupoids  
BY MASSOUD AMINI ..... 693

On the graph of modules over commutative rings  
BY H. ANSARI-TOROQHY AND SH. HABIBI ..... 729

Some fifth roots that are constructible by marked ruler and  
compass  
BY ELLIOT BENJAMIN AND C. SNYDER ..... 749

Quadratic diophantine equations with applications to quartic  
equations  
BY AJAI CHOUDHRY ..... 769

The geometry of cyclic hyperbolic polygons  
BY JASON DEBLOIS ..... 801

Ruan cohomologies of the compactifications of resolved orbifold  
conifolds  
BY SONG DU, BOHUI CHEN, CHENG-YONG DU AND  
XIAOBIN LI ..... 863

Geometry of bounded Fréchet manifolds  
BY KAVEH EFTEKHARINASAB ..... 895

Lower bound for the higher moment of symmetric square  
*L*-functions  
BY GUANGHUA JI ..... 915

Ramanujan: A tale of two evaluations  
BY DONALD J. MANZOLI ..... 925

Golomb's arithmetical semigroup topology and a semi-prime  
sufficiency condition for Dirichlet's theorem  
BY CHRIS ORUM ..... 939

Homological dimensions and Abelian model structures on  
chain complexes  
BY MARCO A. PÉREZ ..... 951

CONTENTS CONTINUED ON LAST PAGE