

**ROCKY MOUNTAIN JOURNAL OF MATHEMATICS**

Volume 40

2010

Number 4

---

**CONTENTS**

Number-Theoretic Conditions Which Yield Isomorphisms and  
Equivalences Between Matrix Rings over Leavitt Algebras  
BY G. ABRAMS ..... 1069

The Ratliff-Rush Closure of Initial Ideals of Certain Prime Ideals  
BY IBRAHIM AL-AYYUB ..... 1085

A Regularized Trace Formula for Differential Equations with  
Trace Class Operator Coefficients  
BY INCI ALBAYRAK, KEVSER KOKLU AND AZAD BAYRAMOV ..... 1095

Center Configurations of Hamiltonian Cubic Systems  
BY TERENCE R. BLOWS ..... 1111

Quasianalytic Gelfand-Shilov Spaces with Application to  
Localization Operators  
BY ELENA CORDERO, STEVAN PILIPOVIĆ, LUIGI RODINO  
AND NENAD TEOFANOV ..... 1123

Multiplier Hopf Algebras Imbedded in Locally Compact Quantum  
Groups  
BY K. DE COMMER AND A. VAN DAELE ..... 1149

On the Space of Oriented Geodesics of Hyperbolic 3-Space  
BY NIKOS GEORGIU AND BRENDAN GUILFOYLE ..... 1183

On the Number of  $p$ -Gonal Coverings of Riemann Surfaces  
BY GRZEGORZ GROMADZKI ..... 1221

A Note on Elliptic Curves with a Rational 3-Torsion Point  
BY RINTARO KOZUMA ..... 1227

Notes on Leximorphic Spaces  
BY ELLEN MIR, J. TODD LEE, AJA JOHNSON AND  
CRISTA ARANGALA ..... 1257

**CONTENTS CONTINUED ON LAST PAGE**