

# ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 52

2022

Number 5

---

Geodesic growth of some 3-dimensional RACGs YAGO ANTOLÍN AND ISLAM FONIQI .....	1523
Power series as Fourier series DEBRAJ CHAKRABARTI AND ANIRBAN DAWN .....	1539
Global Mittag-Leffler output feedback stabilization for nonlinear fractional-order system with known growth rate NADHEM ECHI .....	1575
Discriminants of special quadrinomials KRYSTIAN GAJDZICA .....	1587
Bounding the orders of nilpotent subgroups of solvable linear groups YINLING GAO AND YONG YANG .....	1605
Positive solutions for a class of nonlinear fractional differential equations with derivative terms HAIDE GOU .....	1619
On a fractional Hardy–Sobolev inequality with two-variables ZHENYU GUO AND XUEXIU ZHONG .....	1643
Weighted compactness for Calderón type commutators and oscillatory operators XIANMING HOU AND HUOXIONG WU .....	1661
Generalized Hausdorff operators between weighted spaces KALAIVANI KAMALAKKANNAN .....	1683
Mercer type variants of the Jensen–Steffensen inequality ASIF R. KHAN AND FAIZA RUBAB .....	1693
On a sum involving squarefull numbers ISAO KIUCHI .....	1713
Long-time asymptotic behavior of the solution to the coupled Hirota equations with decaying initial data NAN LIU AND XIAODAN ZHAO .....	1719
Matching Rota–Baxter BiHom-algebras and related algebraic structures TIANSHUI MA AND JIE LI .....	1741
Some new relations between the Berezin number and the Berezin norm of operators SUNA SALTAN, RAMIZ TAPDIGOGLU AND İREM ÇALISIR .....	1767
Asymptotic behavior of solutions on modifications of three-dimensional Navier–Stokes equations with unbounded delays LE THI THUY .....	1775

CONTENTS CONTINUED ON LAST PAGE