

ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 40

2010

Number 6

CONTENTS

Extensions of positive linear functionals on a topological *-algebra BY BENEDETTO BONGIORNO, CAMILLO TRAPANI AND SALVATORE TRIOLO	1745
Differential forms on moduli spaces of parabolic bundles BY FRANCESCO BOTTACIN	1779
Complete continuity properties for the Fremlin projective tensor product of Orlicz sequence spaces and Banach lattices BY QINGYING BU, DONGHAI JI AND XIAOPING XUE	1797
Some properties of the multiplicity sequence for arbitrary ideals BY R. CALLEJAS-BEDREGAL AND V.H. JORGE PÉREZ	1809
On Jordan left k -derivations of completely prime Γ -rings BY SUJOY CHAKRABORTY AND AKHIL CHANDRA PAUL	1829
Polygamma theory, the Li/Keiper constants and the Li criterion for the Riemann hypothesis BY MARK W. COFFEY	1841
Sums and strict sums of biquadrates in $\mathbf{F}_q[t]$, $q \in \{3, 9\}$ BY LUIS H. GALLARDO AND LEONID N. VASERSTEIN	1863
Harmonicity on cosymplectic manifolds BY CĂTĂLIN GHERGHE	1875
Composition operators which improve integrability between weighted Dirichlet spaces BY R.A. HIBSCHWEILER	1887
Weakly peripherally multiplicative surjections of pointed Lipschitz algebras BY A. JIMÉNEZ-VARGAS, AARÓN LUFTMAN AND MOISÉS VILLEGAS-VALLECILLOS	1903
A weighted partition function connected to the Rogers-Szegő polynomials BY LOUIS W. KOLITSCH	1923
Crossed products of noncommutative CW-complexes by finite groups BY ERICH McALISTER	1931

CONTENTS CONTINUED ON LAST PAGE

On the connectivity of attractors of iterated function systems BY ALEXANDRU MIHALI	1949
Alternating subsets and permutations BY AUGUSTINE O. MUNAGI	1965
Compact representation of quadratic integers and integer points on some elliptic curves BY FILIP NAJMAN	1979
The Boolean space of R -places BY KATARZYNA OSIAK	2003
L-R-Smash biproducts, double biproducts and a braided category of Yetter-Drinfeld-Long bimodules BY FLORIN PANAITE AND FREDDY VAN OYSTAEYEN	2013
On polar Legendre polynomials BY H. PIJEIRA CABRERA, J. BELLO CRUZ AND W. URBINA ROMERO	2025
Transformation of spectra of graph Laplacians BY ROBERT S. STRICHARTZ	2037
More quintic surfaces with 75 lines BY JINJING XIE	2063
Index	2091