

ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 31

Winter 2001

Number 4

CONTENTS

The Equivariant Category of Proper G -Spaces
BY R. AYALA, F.F. LASHERAS AND A. QUINTERO 1111

When the Family of Functions Vanishing at Infinity
Is an Ideal of $C(X)$
BY F. AZARPANAH AND T. SOUNDARARAJAN 1133

Families of Maximal Subbundles of Stable
Vector Bundles on Curves
BY EDOARDO BALLICO AND BARBARA RUSSO 1141

An Improvement on a Theorem of the
Goldbach-Waring Type
BY CLAUS BAUER 1151

Hankel Transformation and Hankel Convolution of
Tempered Beurling Distributions
BY M. BELHADJ AND J.J. BETANCOR 1171

A Degree of Nonlocal Connectedness
BY JANUSZ J. CHARATONIK AND WŁODZIMIERZ CHARATONIK 1205

Extended Riemann Zeta Functions
BY M. ASLAM CHAUDHRY, ASGHAR QADIR,
M.T. BOUDJELKHA, M. RAFIQUE AND S.M. ZUBAIR 1237

Jacobi Forms and Generalized RC-Algebras
BY YOUNGJU CHOIE AND WOLFGANG EHOLZER 1265

A Relation between Small Amplitude and
Big Limit Cycles
BY ARMENGOL GASULL AND JOAN TORREGROSA 1277

Harmonic Besov Spaces on the Unit Ball in \mathbf{R}^n
BY MIROLJUB JEVIĆ AND MIROSLAV PAVLOVIĆ 1305

Polynomial First Integrals of Quadratic Systems
BY JAUME LLIBRE AND XIANG ZHANG 1317

The Cartesian Closed Topological Hull of the
Category of Approach Uniform Spaces
BY MARK NAUWELAERTS 1373

CONTENTS CONTINUED ON BACK PAGE