

ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 33

Spring 2003

Number 1

CONTENTS

Hilbert-Siegel Moduli Spaces in Positive Characteristic BY JEFFREY D. ACHTER	1
Nested Sequences of Balls, Uniqueness of Hahn-Banach Extensions and the Vlasov Property BY PRADIPTA BANDYOPADHYAY AND ASHOKE K. ROY	27
The Harnack Estimate for the Modified Ricci Flow on Complete \mathbf{R}^2 BY SHU-CHENG CHANG, SHI-KUO HONG AND CHIN-TUNG WU	69
Sequential Definitions of Continuity for Real Functions BY JEFF CONNOR AND K.-G. GROSSE-ERDMANN	93
The Blow-Up Profile for a Fast Diffusion Equation with a Nonlinear Boundary Condition BY RAÚL FERREIRA, ARTURO DE PABLO, FERNANDO QUIRÓS AND JULIO D. ROSSI	123
A Morera Theorem for the Boundary Values of Holomorphic Functions in the Unit Ball in \mathbf{C}^N BY DARJA GOVEKAR-LEBAN	147
On the Form of Correlation Function for a Class of Nonstationary Field with a Zero Spectrum BY RAE'D HATAMLEH	159
B -Scrolls with Non-Diagonalizable Shape Operators BY DONG-SOO KIM AND YOUNG HO KIM	175
Weighted Composition Operators between Bloch-Type Spaces BY SHŪICHI OHNO, KAREL STROETHOFF AND RUHAN ZHAO	191
On $*$ -Bands and Their Varieties BY MARIO PETRICH AND PEDRO V. SILVA	217
Closure Along an Admissible Subset, Seminormality and T -Closedness BY GABRIEL PICAUVET AND MARTINE PICAUVET-L'HERMITTE	253
Comparison Theorems and Strong Oscillation in the Half-Linear Discrete Oscillation Theory BY PAVEL ŘEHÁK	333
On Poincaré's Fourth and Fifth Examples of Limit Cycles at Infinity BY ROLAND K.W. ROEDER	353