

THE ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 12

Winter 1982

Number 1

CONTENTS

Certain functionals on ℓ_∞ By F.S. CATER	1
The hulls of $C(Y)$ By MARLOW ANDERSON AND PAUL CONRAD	7
Extensions of maps defined on convergence spaces By ROBERT A. HERRMANN	23
A convergence structure on a class of probability measures By GARY D. RICHARDSON	39
Separability and factoring polynomials By RAY MINES AND FRED RICHMAN	43
Asymptotic stability of a coupled diffusion system arising from gas-liquid reactions By C.V. PAO	55
Modern perspectives on classical function theory By LAWRENCE ZALCMAN	75
Holomorphic functions commuting with absolute values By JOHN P. D'ANGELO	93
Oscillation and asymptotic behavior in certain differential equations of odd order By W.E. THOMAS, JR.	97
Minimal H^P interpolation in the Carathéodory class By JOSEPH A. CIMA	103
Open compact mappings, Moore spaces and orthocompactness By JACOB KOFNER	107
Connectivity and the L-fuzzy unit interval By S.E. RODABAUGH	113
On automorphic forms for the general linear group By AUDREY TERRAS	123
A non-catenary, normal, local domain By RAYMOND C. HEITMANN	145
The maximal ring of quotients of a finite Von Neumann algebra By S.K. BERBERIAN	149