

VOLUME 36 NO.2 2010-11
REAL ANALYSIS
EXCHANGE

CONTENTS

EDITORIAL MESSAGES i

CONFERENCE ANNOUNCEMENTS ii

RESEARCH ARTICLES

Richárd Balka
Duality between Measure and Category in Uncountable
Locally Compact Abelian Polish Groups 245

Anna Goździewicz-Smejda and Ewa Łazarow
Topologies Generated by the ψ -Sparse Sets 257

Agnieszka Łukasiewicz and Aleksander Maliszewski
Products of Baire One Double Star Functions 269

Jack Grahl and Togo Nishiura
A Factorization Problem 297

Stanisław Kowalczyk and Katarzyna Nowakowska
Maximal Classes for the Family of $[\lambda, \varrho]$ -Continuous
Functions 307

Gogi Pantsulaia
On Uniformly Distributed Sequences of an Increasing
Family of Finite Sets in Infinite-Dimensional Rectangles 325

Małgorzata Filipczak and Tomasz Filipczak
On the Comparison of Density Type Topologies Generated
by Functions 341

E. Lifyand
On Absolute Convergence of Fourier Integrals 353

Jan Mycielski
Learning Theorems 361

Pedro L. Kaufmann and Ricardo Bianconi
Triangle Integral - A Nonabsolute Integration Process
Suitable for Piecewise Linear Surfaces 373

Chunping Xie
Some Estimates of Commutators 405

Surjit S. Khurana
Integral Representations for a Class of Operators on L^1_E 417

Steven G. Krantz	
Convergence of Automorphisms and Semicontinuity of Automorphism Groups	421
Caterina La Russa	
Henstock-Type Integral for Vector Valued Functions in a Compact Metric Space	435
Jozef Bobok and Martin Soukenka	
Irreducibility, Infinite Level Sets, and Small Entropy	449

INROADS

Jacek Hejduk and Renata Wiertelak	
Continuous Functions in $\mathcal{I}(J)$ -Density Topologies	463
Dušan Pokorný	
On Section Sets of Neighborhoods of Graphs of Semicontinuous Functions	471
Marian Jakszto	
Another Proof That L^p -Bounded Pointwise Convergence Implies Weak Convergence	479
Adam Coffman and Yifei Pan	
Glaeser's Inequality on an Interval	483
Michael Bensimhoun	
A Counterexample for the Change of Variable Formula in KH Integrals	491
Monika Lindner and Sebastian Lindner	
Characterizations of Some Subclasses of the First Class of Baire	499