VOLUME 30 NO.1 2004-05 REAL ANALYSIS EXCHANGE

CONTENTS

EDITORIAL MESSAGE
CONTRIBUTIONS
CONFERENCE ANNOUNCEMENTS
RESEARCH ARTICLES
Marcin Grande
On the Measurability of Functions Satisfying Some Approximate
Quasicontinuity Conditions
Tord Sjödin
A Note on the Harmonic Derivative
Michal Ryszard Wojcik and Michal Stanislaw Wojcik Separately Continuous Functions with Closed Graphs
Separately Continuous Functions with Closed Graphs 23 Sergio Favier and Felipe Zó
A Lebesgue Type Differentiation Theorem for Best Approximations
by Constants in Orlicz Spaces
Christian Richter
Iterated Reduced Cluster Functions
Stanislav Hencl
Notes on Absolutely Continuous Functions of Several Variables . 59
Inga Jędrzejewska and Bożenna Szkopińska
On Generalizations of Flett's Theorem
Petteri Harjulehto, Peter Hästö and Mikko Pere
Variable Exponent Lebesgue Spaces on Metric Spaces:
The Hardy-Littlewood Maximal Operator
Zbigniew Grande and Ewa Strońska
Some Observations on Regular Dependence of Total Variation
on Parameters
Hugh G. R. Millington Runs and Integration
Runs and Integration
On J-Cauchy Sequences
Harvey Rosen
More About Sierpiński-Zygmund Uniform Limits of
Extendable Functions
Xianfu Wang
Subdifferentiability of Real Functions
Jozef Bobok
On a Space of Besicovitch Functions

Piotr Sworowski	
An Answer to Some Questions of Ene	183
Varayu Boonpogkrong and Chew Tuan Seng	
On Integrals with Integrators in BV_p	193
F. S. Cater	
On Continuous N-Functions and An Example of Mazurkiewicz .	201
V. Chernyatin	
A New Necessary Condition for Existence of the Stieltjes Integral	207
Ewa Strońska	
On Quasi-Uniform Convergence of Sequences of s_1 -Strongly	
Quasi-Continuous Functions on \mathbb{R}^m	217
K. M. Naralenkov	
On Integration by Parts for Stieltjes-Type Integrals of	
Banach Space-Valued Functions	235
Tomasz Natkaniec and Harvey Rosen	
An Example of an Additive Almost Continuous	0.01
Sierpiński-Zygmund Function	261
INROADS	
Marek Balcerzak and Katarzyna Dems	
Some Types of Convergence and Related Baire Systems	267
Xiaorong Hou, Che Tat Ng, and Weinian Zhang	
Convergence of a Series Whose Terms Are Iterates of	
Quadratic Maps	277
Franciszek Prus-Wiśniowski	
Separation by Ambivalent Sets	289
Toh Tin-Lam and Chew Tuan-Seng	
On the Henstock-Fubini Theorem for Multiple Stochastic Integral	295
Enrico Zoli	
No Transcendence Basis of $\mathbb R$ over $\mathbb Q$ Can Be Analytic	311
F. J. González Vieli	
A New Proof of a Liouville-Type Theorem for Polyharmonic	910
Functions	319
Lee Tuo-Yeong	202
On the Dual Space of BV-Integrable Functions in Euclidean Space	323
Giuseppa Riccobono	329
A Riemann-Type Integral on a Measure Space	329
On Cauchy Type Characterizations of Continuity and	
Baire One Functions	339
James V. Peters	300
Radon Transforms of Tempered Distributions	347
E. Kubińska	•
Approximation of Carathéodory Functions and Multifunctions $$.	351

Valentin Skvortsov and Yurij Zherebyov	
On Classes of Functions Generating Absolutely Continuous	
Variational Measures	361
H. R. Shatery and J. Zafarani	
The Equality between Borel and Baire Classes	373
Jan Kališ	
On Whitney Sets and Their Generalization	385
Tomasz Natkaniec	
The Density Topology Can Be Not Extraresolvable	393
Károly Simon and Hajnal R. Tóth	
The Absolute Continuity of the Distribution of Random Sums	
with Digits $\{0, 1, \dots, m-1\}$	397
QUERIES	
F. S. Cater	
N-Functions: A Query	411