

VOLUME 34 NO.1 2008-09  
REAL ANALYSIS  
EXCHANGE

CONTENTS

EDITORIAL MESSAGE . . . . .	i
CONFERENCE ANNOUNCEMENTS . . . . .	ii
TOPICAL SURVEYS	
Zoltán Buczolich	
Almost Everywhere Convergence of Ergodic Averages . . . . .	1
RESEARCH ARTICLES	
Andrei E. Ghenciu	
Gauss-like Continued Fraction Systems and their	
Dimension Spectrum . . . . .	17
Luca Motto Ros	
A New Characterization of Baire Class 1 Functions . . . . .	29
René Erlín Castillo and Eduard Trousselot	
On Functions of $(p, \alpha)$ -Bounded Variation . . . . .	49
Michelle L. Knox	
Conditional Completeness of $C(X, \mathbb{R}_\tau)$ for Weak $P$ -spaces $\mathbb{R}_\tau$ . . . . .	61
Ursula M. Molter and Leandro Zuberger	
A Fractal Plancherel Theorem . . . . .	69
N. D. Chakraborty and Santwana Basu	
Spaces Of $p$ -Tensor Integrable Functions and Related	
Banach Space Properties . . . . .	87
Rafał Zduńczyk	
Unilateral $\mathbb{I}$ -approximate Limits of Real Functions . . . . .	105
Krzysztof Płotka	
Darboux-like Functions within the Class of Hamel Functions . . . . .	115
Thomas Fowler and David Preiss	
A Simple Proof of Zahorski's Description of	
Non-Differentiability Sets of Lipschitz Functions . . . . .	127
INROADS	
Robert W. Vallin	
The Pointwise Limit of Separately Continuous Functions . . . . .	139
Russell A. Gordon	
Peano differentiation via integration . . . . .	147

Keith Neu	
A Few Results on Archimedean Sets . . . . .	157
A. Boccuto, D. Caneloro, B. Riečan	
Abstract Generalized Kurzweil-Henstock-Type Integrals for Riesz Space-Valued Functions . . . . .	171
Alexandru Mihail	
On the Connectivity of Attractors of Iterated Multifunction Systems . . . . .	195
Tomasz Natkaniec	
On Extendable Derivations . . . . .	207
Enrico Zoli	
On a Zero-Infinity Law of Olsen . . . . .	215
S. S. Volosivets	
Fourier Coefficients and Generalized Lipschitz Classes . . . . .	219
M. G. Grigoryan, A. A. Sargsyan and R. E. Zink	
Greedy Approximation in Certain Subsystems of the Schauder System . . . . .	227
Vincenzo Scalzo	
Pseudocontinuity is Necessary and Sufficient for Order-preserving Continuous Representations . . . . .	239
Shingo Saito	
Continuity Points of Typical Bounded Functions . . . . .	249