

VOLUME 42 NO.1 2017  
REAL ANALYSIS  
EXCHANGE

CONTENTS

EDITORIAL MESSAGES . . . . .	i
CONFERENCE ANNOUNCEMENTS . . . . .	ii
PLENARY LECTURES	
Miroslav Zelený Characterizations of $\sigma$ -Porosity Using Infinite Games . . . . .	1
Alica Miller On Various Conditions that Imply Sensitivity of Monoid Actions . . . . .	9
Hajrudin Fejzić Divided Differences and Peano Derivatives . . . . .	25
Luisa Di Piazza Integrals and Selections of Multifunctions with Values in an Arbitrary Banach Space . . . . .	37
RESEARCH ARTICLES	
Michael Dymond, Beata Randrianantoanina, and Huaqiang Xu On Interval Based Generalizations of Absolute Continuity for Functions on $\mathbb{R}^n$ . . . . .	49
Changhao Chen A Class of Random Cantor Sets . . . . .	79
Silvestru S. Dragomir Variance Jensen Type Inequalities for General Lebesgue Integral with Applications . . . . .	121
Carl P. Dettmann and Mrinal Kanti Roychowdhury Quantization for Uniform Distributions on Equilateral Triangles . . . . .	149
Vassiliki Farmake and Andreas Mitropoulos The $\ell_1$ -Dichotomy Theorem with Respect to a Coideal . . . . .	167
INROADS	
J. Marshall Ash and Stefan Catoiu Directional Differentiability in the Euclidean Plane . . . . .	185