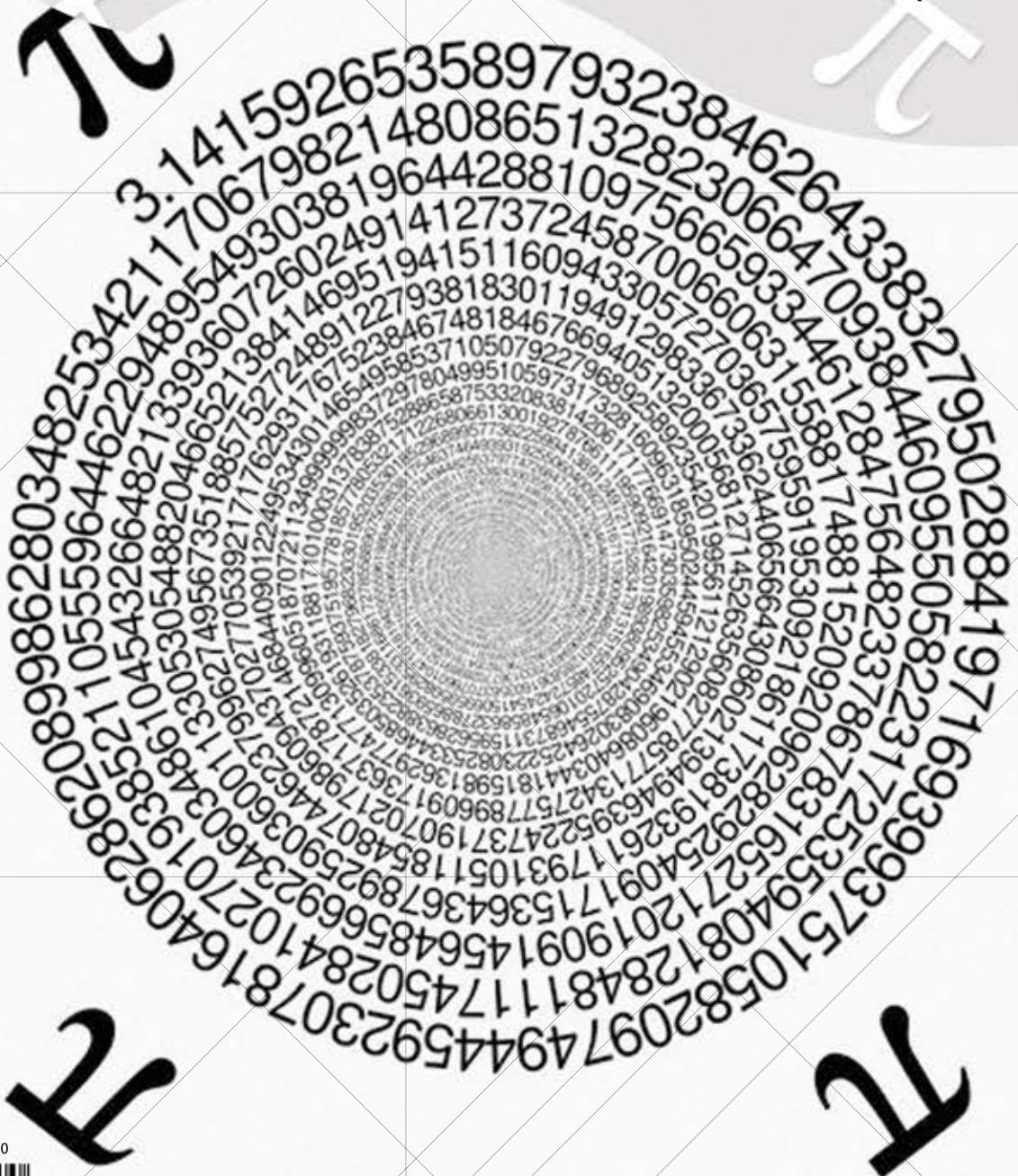




ISAAC SCIENTIFIC
PUBLISHING

ADVANCES IN ANALYSIS

Volume 2, Number 2, April 2017



ISSN(Print): 2518-3729
ISSN(Online): 2518-3680



9 772518 372900

TABLE OF CONTENTS

Volume 2 Number 2

April 2017

A New Type of Tripled Fixed Point Theorem in Partially Ordered Complete Metric Space Animesh Gupta and Saurabh Manro	63
Two Parameter Families of Global Solutions for Some Classes of Nonlinear Second Order Ordinary Differential Equations G. A. Grigorian	71
The Abel Integral Equations in Distribution Chenkuan Li, Changpin Li, Bailey Kacsmar, Roque Lacroix and Kyle Tilbury	88
On Mappings of Constant Multiplicity Yu.B. Zelinskii and H.K.Dakhil.....	105
Controllability of Damped Second-Order Neutral Impulsive Stochastic Functional Differential Systems with Infinite Delay R.Sathya and K.Balachandran	108
Upper Bound Estimation of Fractal Dimension of Fractional Calculus of Continuous Functions Yang Li and Yongshun Liang.....	121
Order Theoretic Common n-tuple Fixed Point Yaé Ulrich Gaba	129
Weak Compactness in Abstract Duality Pairs Charles Swartz	135

Advances in Analysis (AAN)

EDITOR-IN-CHIEF

Fahreddin Abdullayev

Mersin University, Turkey

EDITORIAL BOARD

Wen-Xiu Ma

University of South Florida, USA

Hui-Hsiung Kuo

Louisiana State University, USA

Martin Bohner

Missouri University of Science and Technology,
USA

Michel Marie Chipot

Universitat Zurich, Switzerland

Vagif Guliyev

Institute Mathematica and Mechanics of NASA,
Azerbaijan

Khalil Ezzinbi

Cadi Ayyad University, Morocco

Feyzi Basar

Fatih University, Turkey

Syed Abdul Mohiuddine

King Abdulaziz University, Saudi Arabia

Sofiya Ostrovska

Atilim University, Turkey

Mamadsho Ilovov

Academy of Sciences, Tajikistan

Lech Górniewicz

University of Zielona Góra, Poland

Mohammed Mursaleen

Aligarh Muslim University, India

Madjid Eshaghi Gordji

Semnan University, Iran

Muhammad Aslam Noor

COMSATS Institute of Information, Pakistan

Viktor Savchuk

Institute of Mathematics of the NASU, Ukraine

Hari M. Srivastava

University of Victoria, Canada

Poom Kumam

King Mongkut's University of Technology

Igor Shevchuk

Thonburi (KMUTT) Bangkok, Thailand

Kyiv Taras Shevchenko National University,
Ukraine

David Shoikhet

ORT Braude College, Israel

Ekrem SAVAS

Istanbul Commerce University, Turkey

Nazim Mahmudov

Eastern Mediterranean University, Cyprus

Rauf Amirov

Cumhuriyet University, Turkey

Josef Diblík

Brno University of Technology, Czech Republic

Bilal Bilalov

Institute of Mathematics and Mechanics of NAS

of Azerbaijan, Azerbaijan

Carlo Bianca

Ecole Normale Supérieure, France

Anatoly Golberg

Holon Institute of Technology, Israel

Firdous Ahmad Shah

University of Kashmir, India

Mohamed Ali TOUMI

Carthage University, Tunisia

Volodymyr Riazanov

National Academy of Sciences, Ukraine

SUBSCRIPTIONS

Advances in Analysis (AAN) (Online at www.isaacpub.org) is published quarterly by Isaac Scientific Publishing. For printed journal subscription, please contact: service@isaacpub.org

Subscription rates: \$29 per issue (by air mail)

ADVERTISEMENTS & REPRINTS

For advertisements and reprints affairs, please contact: service@isaacpub.org
The reprints require a minimum quantity of 50 copies.

PUBLISHER

Isaac Scientific Publishing Co., Limited
Unit 04, 7/F Bright Way Tower, No. 33 Mong Kok Rd., KL, Hong Kong(China)