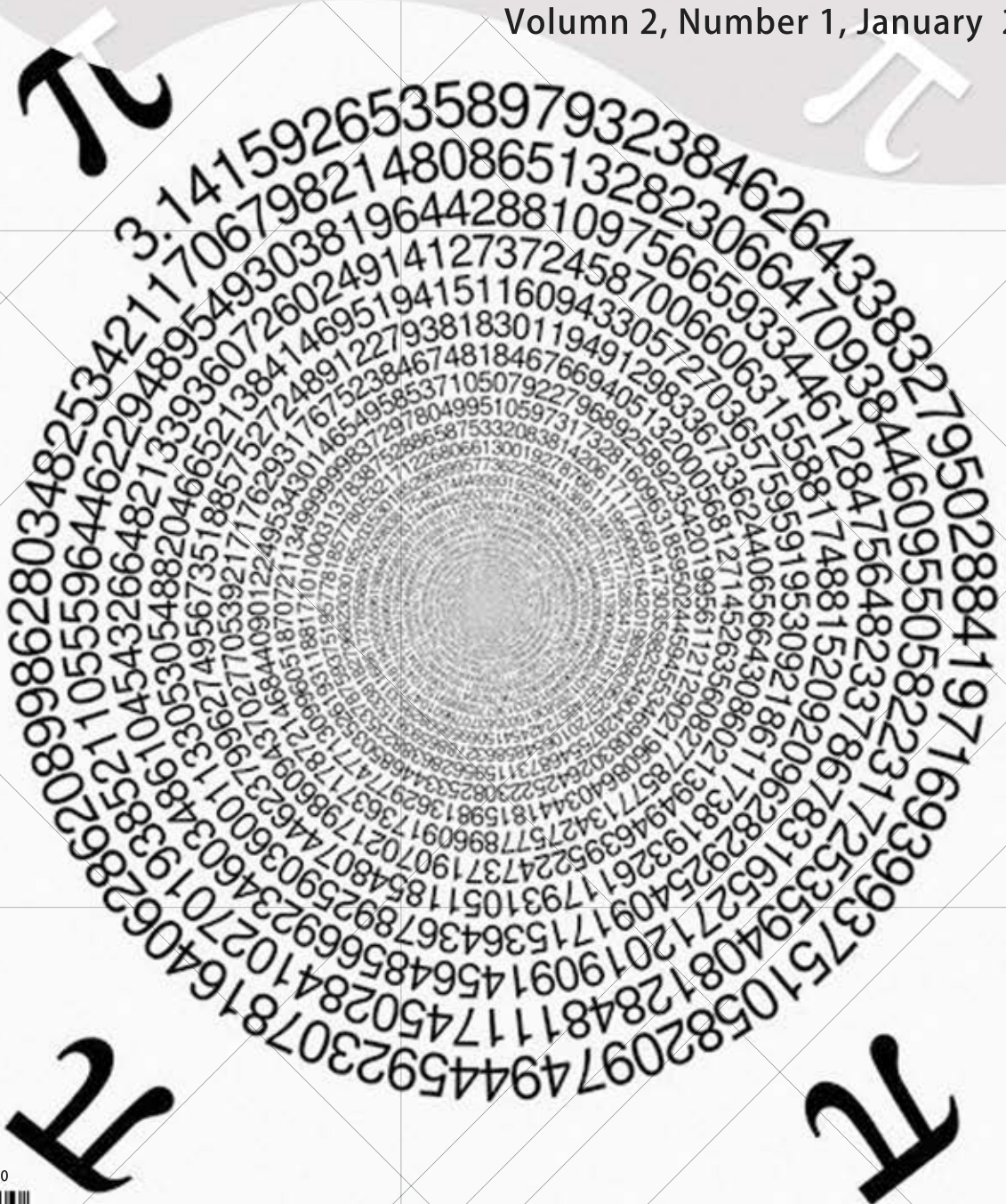




ISAAC SCIENTIFIC
PUBLISHING

ADVANCES IN ANALYSIS

Volume 2, Number 1, January 2017



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



9 772518 372900

TABLE OF CONTENTS

Volume 2 Number 1

January 2017

Existence of Solutions for Implicit Fractional Differential Systems with Coupled Nonlocal Conditions	
Mengna Zhang and Yansheng Liu.....	1
Note on “An Easy Method to Derive EOQ and EPQ Inventory Models with Backorders”	
Shu-Cheng Lin, Han-Wen Tuan and Peterson Julian.....	10
A Note on Positive Periodic Solutions of the Superlinear Heat Equation with Inhomogeneity	
Shanming Ji, Jingxue Yin and Jian Deng	14
Fixed Point Approximations with Finite Relatively Nonexpansive Maps in Some Real Banach Spaces	
Umar Yusuf Batsari	19
Modified Eccentric Connectivity Index and Polynomial of Tetragonal Carbon Nanocones $CNC_d[n]$	
Linli Zhu and Wei Gao	30
On Birkhoff Interpolations with Fractional-order Derivatives	
Tinggang Zhao	35
Report on the Absolute Differential Equations I	
Veronika Chrastinová and Václav Tryhuk	41

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 Ilolov

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
Thonburi (KMUTT) Bangkok, Thailand

Igor Shevchuk

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 Diblik

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)