



11-14-2024

Cover and Contents

Follow this and additional works at: <https://journals.tubitak.gov.tr/math>

Recommended Citation

(2024) "Cover and Contents," *Turkish Journal of Mathematics*: Vol. 48: No. 6, Article 1. Available at: <https://journals.tubitak.gov.tr/math/vol48/iss6/1>

This Cover and Contents is brought to you for free and open access by TÜBİTAK Academic Journals. It has been accepted for inclusion in Turkish Journal of Mathematics by an authorized editor of TÜBİTAK Academic Journals. For more information, please contact pinar.dundar@tubitak.gov.tr.

VOLUME ISSUE YEAR
48 6 2024
ISSN 1300-0098 • E-ISSN 1303-6149

TURKISH JOURNAL OF
MATHEMATICS

<http://journals.tubitak.gov.tr/math/>



Published by the Scientific and
Technological Research Council of Türkiye

TÜBİTAK

TURKISH JOURNAL OF MATHEMATICS

Editor-in-Chief

Adnan **TERCAN**, Hacettepe University, Türkiye

Associate Editor-in-Chief Aydın **GEZER**, Atatürk University, Türkiye

VOLUME 48 • ISSUE 6 • 2024

ISSN 1300-0098 • E-ISSN 1303-6149

SCOPE

- The Turkish Journal of Mathematics is published electronically 6 times a year by the Scientific and Technological Research Council of Turkey (TÜBİTAK).
- Accepts English-language original research manuscripts in the field of mathematics. Review articles are only considered for publication in exceptional circumstances.
- Contribution is open to researchers of all nationalities.

EDITORIAL BOARD

- Alexander DEGTAREV, Bilkent University, Türkiye
- Ali Sinan SERTÖZ, Bilkent University, Türkiye
- Anar DOSİ, Harbin Engineering University, China
- Bayram ŞAHİN, Ege University, Türkiye
- Cornelia-Livia BEJAN, University of "Al. I. Cuza", Romania
- Eduard EMELYANOV, Sobolev Institute of Mathematics, Russia
- Enrique ZUAZUA, Friedrich-Alexander Universität, Germany
- Elena BRAVERMAN, University of Calgary, Canada
- Esther GARCIA, Universidad Rey Juan Carlos, Spain
- Hüseyin DEMİR, Ondokuz Mayıs University, Türkiye
- İlham A. ALIEV, Akdeniz University, Türkiye
- Jacek DZIOK, University of Rzeszow, Poland
- Janusz SOKOL, University of Rzeszow, Poland
- Kazım İlhan İKEDA, Boğaziçi University, Türkiye
- Louis H. ROWEN, Bar-Ilan University, Israel
- Mario KRNIC, University of Zagreb, Croatia
- Martin BOHNER, Missouri University of Science and Technology, U.S.A.
- Maria Alessandra RAGUSA, University of Catania, Italy
- Pedro A. Guil ASENSIO, University of Murcia, Spain
- Peter DANCHEV, Bulgarian Academy of Sciences, Bulgaria
- Salvador ROMAGUERA, València Polytechnic University, Spain
- Sang-Eon HAN, Jeonbuk National University, South Korea
- Seher Melike AYDOĞAN, İstanbul Technical University, Türkiye
- Selma ÖZÇAĞ, Hacettepe University, Türkiye
- Shahram REZAPOUR, Azarbaijan Shahid Madani University
- Snezhana HRISTOVA, University of Plovdiv, Bulgaria
- Tamar DATUASHVILI, Ivane Javakhishvili Tbilisi State University, Georgia
- Toma ALBU, Institute of Mathematics of the Romanian Academy, Romania
- Varga K. KALANTAROV, Koç University, Türkiye
- W. A. ZUNIGA-GALINDO, University of Texas Rio Grande Valley, USA, Centro de Investigación y de Estudios Avanzados del I. P. N, Mexico
- William WEISS, University of Toronto at Mississauga, Canada
- Zekeriya ARVASI, Osmangazi University, Türkiye

ABSTRACTED

- Science Citation Index Expanded
- Scopus
- Academic Search Complete
- Zentralblatt MATH
- MathSciNet
- Current Index to Statistics

CONTENTS

The compositions derived from by changing variable in singular distributions	1001
Emin ÖZÇAĞ	
Computing exterior isoclinism of crossed modules	1024
Zekeriya ARVASI, Alper ODABAŞ	
Moment-based approximation for variance of semi-Markovian random walk with gamma distributed interference of chance	1037
Büşra ALAKOÇ, Aslı BEKTAŞ KAMIŞLIK, Tülay YAZIR, Tahir KHANIYEV	
The multiples of a numerical semigroup	1055
Ignacio OJEDA, José Carlos ROSALES	
Free weakly k -nilpotent n -tuple semigroups	1067
Anatolii V. ZHUCHOK, Jörg KOPPITZ	
Explicit solution of system of two higher-order recurrences	1079
László NÉMETH, László SZALAY	
Some free boundary problems arising in rock mechanics.	1089
Anvarbek MEIRMANOV, Koblandy YERZHANOV	
Some complementary results on asymptotic behavior of solutions of neutral difference equations ...	1110
Nour H. M. ALSHARIF, Başak KARPUZ	
Coefficient problems for a certain subclass of analytic and univalent functions	1127
Osman ALTINTAŞ, Nizami MUSTAFA	
Fibration category structures induced by enrichments	1138
Mehmet Akif ERDAL	
Numerical solutions of SIRD model of Covid-19 by utilizing Pell-Lucas collocation method	1156
Gamze YILDIRIM, Şuayip YÜZBAŞI	
The 2-adic valuation of shifted Padovan and Perrin numbers and applications	1183
Eric BRAVO, Nurettin IRMAK	