

VOLUME XIII ISSUE I
ISSN 2147-6268

March 2025
www.dergipark.org.tr/en/pub/mathenot

MATHEMATICAL SCIENCES AND APPLICATIONS E-NOTES



Honorary Editor-in-Chief

H. Hilmi Hacısalihoğlu
Emeritus Professor, Türkiye

Chief Editors

Murat Tosun
Department of Mathematics
Faculty of Sciences, Sakarya University
Sakarya-Türkiye
tosun@sakarya.edu.tr

Emrah Evren Kara
Department of Mathematics
Faculty of Arts and Sciences Düzce University
Düzce-Türkiye
eevrenkara@duzce.edu.tr

Managing Editors

Mahmut Akyiğit
Department of Mathematics
Faculty of Sciences, Sakarya University
Sakarya-Türkiye
makyigit@sakarya.edu.tr

Editorial Board of Mathematical Sciences and Applications E-Notes

Kahraman Esen Özen
Çankırı Karatekin University
Türkiye

Martin Bohner
Missouri University of Science and Technology
USA

Marcelo Moreira Cavalcanti
State University of Maringá
Brazil

David Cruz-Urbe
The University of Alabama
USA

Taekyun Kim
Kwangwoon University
South Korea

Mohammed Mursaleen
Aligarh Muslim University
India

Reza Saadati
Iran University of Science and Technology
Iran

Technical Editor

Bahar Dođan Yazıcı
Department of Mathematics
Faculty of Science
Bilecik Şeyh Edebali University, Bilecik-Türkiye
bahar.dogan@bilecik.edu.tr

Arzu Özkoç Öztürk
Department of Mathematics
Faculty of Arts and Science
Düzce University, Düzce-Türkiye
arzuozkoc@duzce.edu.tr

Contents

1	On Absolute Tribonacci Series Spaces and Some Matrix Operators <i>Fadime GÖKÇE</i>	1-11
2	An Application to Fuss-Catalan Numbers <i>Cemal ÇİÇEK</i>	12-20
3	New Asymptotic Properties for Solutions of Fractional Delay Neutral Differential Equations <i>Abdullah YİĞİT</i>	21-35
4	Hermite-Hadamard Inequalities for Generalized ζ –Conformable Integrals Generated by Co-Ordinated Functions <i>Sümeyye ERMEYDAN ÇİRİŞ, Hüseyin YILDIRIM</i>	36-53
5	Enhancing Generalized Interpolative Contraction Through Simulation Functions <i>Ekber GİRGIN</i>	54-64