

COMMUNICATIONS

DE LA FACULTE DES SCIENCES
DE L'UNIVERSITE D'ANKARA

FACULTY OF SCIENCES
ANKARA UNIVERSITY

Series A1: Mathematics and Statistics

VOLUME: 65

Number: 1

YEAR: 2016

Abstracted/Indexed in

Mathematical Reviews (MathSciNet), Zentralblatt MATH (ZbMATH) , TUBITAK-Ulakbim

Faculty of Sciences, Ankara University
06100 Beşevler, Ankara-Turkey
ISSN 1303-5991

COMMUNICATIONS

DE LA FACULTE DES SCIENCES
DE L'UNIVERSITE D'ANKARA

FACULTY OF SCIENCES
ANKARA UNIVERSITY

Series A1: Mathematics and Statistics

Owner

Hüseyin BEREKETOĞLU

Editor in Chief

Nuri ÖZALP

Managing Editor

Erdal GÜNER

Area Editors

[Sait HALICIOĞLU \(Group Theory\)](#)

[Gülen TUNCA \(Analysis-Theory of Functions\)](#)

[Yusuf YAYLI \(Geometry\)](#)

[Yılmaz AKDİ \(Statistics\)](#)

[Burcu Ungor \(Rings and Modules Theory\)](#)

[Elif DEMİRCİ \(Applied Mathematics\)](#)

[Murat OLGUN \(Functional Analysis\)](#)

[İshak ALTUN \(Topology\)](#)

[Murat ŞAHİN \(Number Theory\)](#)

Editors

M.AKHMET METU, TURKEY

E. BAIRAMOV Ankara Uni. TURKEY

C.Y.CHAN, Univ. of Louisiana, USA

V. GREGORI Uni. Politècnica de València, SPAIN

F.HATHOUT Uni. de Saïda, ALGERIA

V. KALANTAROV Koç Uni. TURKEY

H.P. KUNZI Uni. of Cape Town, SOUTH AFRICA

S. ROMAGUERA Un.Pol.de València, SPAIN

A.D. TÜRKOĞLU Gazi Uni. TURKEY

O. ARSLAN Ankara Uni. TURKEY

H. BEREKETOĞLU Ankara Uni. TURKEY

A. B. EKİN Ankara Uni. TURKEY

I. GYORI Veszprem Uni. HUNGARY

K. ILARSLAN Kırıkkale Uni. TURKEY

F. KARAKOC Ankara Uni. TURKEY

S. KOKSAL, Florida Inst. of Tech. USA

C. ORHAN Ankara Uni. TURKEY

S. YARDIMCI Ankara Uni. TURKEY

A. AYTUNA Sabancı Uni. TURKEY

H. BOZDOĞAN Uni. of Tennessee, USA

D. GEORGIOU Uni. of Patras GREECE

A. HARMANCI Hacettepe Uni. TURKEY

A. KABASINSKAS Kaunas U. of Tech., LITHUANIA

A. M. KRALL The Penn. State Uni. USA

H.T. LIU, Tatung Univ. TAIWAN

C. TEZER METU TURKEY

C. YILDIZ Gazi Uni. TURKEY

This Journal is published two issues in a year by the Faculty of Sciences, University of Ankara. Articles and any other material published in this journal represent the opinions of the author(s) and should not be construed to reflect the opinions of the Editor(s) and the Publisher(s).

Correspondence Address:

COMMUNICATIONS

EDITORIAL OFFICE

Ankara University, Faculty of Sciences

06100 Tandoğan, ANKARA – TURKEY

Tel: (90) 312-212 67 20 Fax: (90) 312-223 23 95

e-mail: commun@science.ankara.edu.tr

<http://communications.science.ankara.edu.tr/index.php?series=A1>

Print:

Ankara University Press

İncitaş Sokak No:10 06510 Beşevler

ANKARA – TURKEY

Tel: (90) 312-213 65 65

COMMUNICATIONS

Volume 65

Number : 1

Year :2016

Series A1: Mathematics and Statistics

D. SÖYLEMEZ, Modified q Baskakov operators	1
A. BISWAS, On proximate order and proximate type of entire Dirichlet series	11
H. KOSE, B. UNGOR, A. HARMANCI, Nil-reflexive rings	19
M. ÖZKAN, F. YILMAZ, Prolongations of golden structures to tangent bundles of order r	35
S. MODAK AND T. NOIRI, A weaker form of connectedness	49
H. ATIK, Colimits in the category of quadratic modules	53
A. BANERJEE, S. MALLICK, Brück conjecture-a different perspective	71
G. İÇÖZ, R. N. MOHAPATRA, Weighted approximation properties of Stancu type modification of q -Szász-Durrmeyer operators	87
F. KARAASLAN, Bipolar soft rough relations	105
N. ÖZDEMİR, On seven dimensional 3-Sasakian manifolds	127
Z. I. ISMAILOV, B. YILMAZ, R. ÖZTÜRK MERT, On the spectrums of some class of selfadjoint singular differential operators	137
M. YEŞİLKAYAGİL, F. BAŞAR, Mercerian theorem for four dimensional matrices.	147
Ö. DALMANOĞLU, S. KIRCI SERENBAY, Approximation by Chlodowsky type q -Jakimovski-Leviatan operators	157
M. A. AKYOL, R. SARI, On crsubmanifolds of a S -manifold endowed with a semi-symmetric non-metric connection	171
E. TAŞ, Some results concerning Mastroianni operators by power series method	187

COMMUNICATIONS

DE LA FACULTE DES SCIENCES
DE L'UNIVERSITE D'ANKARA

FACULTY OF SCIENCES
ANKARA UNIVERSITY