

EDITORIAL BOARD

Co-Editors in Chief:

Mathematics:

Murat Diker (Hacettepe University - Mathematics - mdiker@hacettepe.edu.tr)

Yücel Tıraş (Hacettepe University - Mathematics - ytiras@hacettepe.edu.tr)

Statistics:

Cem Kadılar (Hacettepe University-Statistics - kadilar@hacettepe.edu.tr)

Associate Editors:

Durdu Karasoy (Hacettepe University-Statistics - durdu@hacettepe.edu.tr)

Managing Editor:

Bülent Saraç (Hacettepe University - Mathematics - bsarac@hacettepe.edu.tr)

Ramazan Yaşar (Hacettepe University - Mathematics - ryasar@hacettepe.edu.tr)

Honorary Editor:

Lawrence Micheal Brown

Members:

Ali Allahverdi (Operational research statistics, ali.allahverdi@ku.edu.kw)

Olçay Arslan (Robust statistics, oarslan@ankara.edu.kw)

N. Balakrishnan (Statistics, bala@mcmaster.ca)

Gary F. Birkenmeier (Algebra, gfb1127@louisiana.edu)

G. C. L. Brümmer (Topology, gcl.brummer@uct.ac.za)

Okay Çelebi (Analysis, acelebi@yeditepe.edu.tr)

Gülin Ercan (Algebra, ercan@metu.edu.tr)

Alexander Goncharov (Analysis, goncha@fen.bilkent.edu.tr)

Sat Gupta (Sampling, Time Series, sngupta@uncg.edu)

Varga Kalantarov (Appl. Math., vkalantarov@ku.edu.tr)

Ralph D. Kopperman (Topology, rdkcc@ccny.cuny.edu)

Vladimir Levchuk (Algebra, levchuk@lan.krasu.ru)

Cihan Orhan (Analysis, Cihan.Orhan@science.ankara.edu.tr)

Abdullah Özbekler (App. Math., aozbekler@gmail.com)

Ivan Reilly (Topology, i.reilly@auckland.ac.nz)

Patrick F. Smith (Algebra, pfs@maths.gla.ac.uk)

Alexander P. Šostak (Analysis, sostaks@latnet.lv)

Derya Keskin Tütüncü (Algebra, derya.tutuncu@outlook.com)

Ağacık Zafer (Appl. Math., zafer@metu.edu.tr)

CONTENTS

Mathematics

Cihat Abdioğlu

On superfluous subgroups and fully invariant subgroups 689

Durmuş Albayrak , Sunil Dutt Purohit and Faruk Uçar

*Certain inversion and representation formulas
for q -sumudu transforms* 699

Alireza Khalili Asboei , Seyed Sadegh Salehi Amiri and Ali Iranmanesh

A new characterization of symmetric groups for some n 715

Agata Caserta , Dragan Djurčić and Melanija Mitrović

Selection principles and double sequences II 725

Clemente Cesarano

Generalized Chebyshev polynomials 731

R. Eskandari , F. Mirzapour and H. Rahmatan

On operators of A_p and A_p^ class* 741

Mark Farag

*Some results on primeness in the near-ring of Lipschitz functions on a normed
vector space* 747

Imran Khaliq Muhammad Shabir and Gulshad Imran

Characterization of Weakly Regular S -acts 753

Ahmet Öteleş and Mehmet Akbulak

Eigenvalues and eigenvectors of a certain complex tridiagonal matrix family 763

Yan-Kui Song

On star- K -Menger spaces 769

Xi Tang

Some applications of Cohen-Macaulay injective dimension 777

Xiaoning Xu and Xiaojun Li

Second Cohomology of the Modular Lie Superalgebra Ω^\dagger 787

Pengfei Yan and Qiuli Wang

Countably mesocompact spaces and function insertion 801

Mustafa Kemal Yildiz and Hasan Öğünmez

Oscillation results of higher order nonlinear neutral delay difference equations with a nonlinear neutral term 809

Jianming Zhan and Pabitra Kumar Maji

Applications of soft union sets to h -semisimple and h -quasi-hemiregular hemirings
815

Statistics

Yasin Asar , Adnan Karaibrahimoğlu and Aşır Genç

Modified ridge regression parameters: A comparative Monte Carlo study 827

Emilio Gómez-Déniz and Enrique Calderín-Ojeda

A Suitable Alternative to the Pareto Distribution 843

Rong Jiang , Wei-Min Qian and Zhan-Gong Zhou

Test for single-index composite quantile regression 861

Franco Pellerey and Saeed Zalzadeh

On preservation of ageing under minimum for dependent random lifetimes . 873

Degang Zhu

Estimating the parameters of hidden binomial trials by the EM algorithm ... 885