

1-4-2018

Cover and Contents

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

Recommended Citation

(2018) "Cover and Contents," *Turkish Journal of Mathematics*: Vol. 42: No. 3, Article 63. Available at: <https://journals.tubitak.gov.tr/math/vol42/iss3/63>

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 academic.publications@tubitak.gov.tr.

VOLUME | ISSUE | YEAR
42 | 3 | 2018
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 Turkey

TÜBİTAK

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.

ABSTRACTED

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

CONTENTS

The local and semilocal convergence analysis of new Newton-like iteration methods	735
Vatan KARAKAYA, Kadri DOĞAN, Yunus ATALAN Nour El Houda BOUZARA	
On biquaternion algebras with orthogonal involution	752
Amir Hossein NOKHODKAR	
Somos's theta-function identities of level 10	763
Belakavadi Radhakrishna SRIVATSA KUMAR, Devadas ANU RADHA	
Strongly CM -semicommutative rings	774
Liang ZHAO, Jiaqun WEI	
Characterizations of $*$ -DMP matrices over rings	786
Yuefeng GAO, Jianlong CHEN	
Existence of positive periodic solution of second-order neutral differential equations	797
Tuncay CANDAN	
Connection between binomial coefficients and their analogs and symmetric functions	807
Abdelhafour BAZENIAR, Moussa AHMIA, Hacène BELBACHIR	
Iterative roots of some functions	819
Sukrawan MAVECHA, Vichian LAOHAKOSOL, Boonrod YUTTANAN	
Stability of abstract dynamic equations on time scales by Lyapunov's second method	841
Alaa HAMZA, Karima ORABY	
On the Hilbert formulas and of change of integration order for some singular integrals in the unit circle	862
Juan BORY REYES, Ricardo ABREU BLAYA, Marco Antonio PÉREZ DE LA ROSA, Baruch SCHNEIDER	
Three binomial sums weighted by falling and rising factorials	876
Emrah KILIÇ	
Weyl- and Horn-type inequalities for cyclically compact operators	881
Uğur GÖNÜLLÜ	
Higher order generalized geometric polynomials	887
Levent KARGIN, Bayram ÇEKİM	
Continuous dependence of solutions to the strongly damped nonlinear Klein–Gordon equation	904
Şevket GÜR, Mesude Elif UYSAL	
Reflexivity of vector-valued Köthe–Orlicz sequence spaces	911
Mohamed Ahmed OULD SIDATY	
On a new identity for the H-function with applications to the summation of hypergeometric series	924
Arjun Kumar RATHIE, Luan Carlos de Sena Monteiro OZELIM, Pushpa Narayan RATHIE	
Legendrian torus knots in lens spaces	936
Sinem ONARAN	
Variational problem involving operator curl associated with p -curl system	949
Junichi ARAMAKI	

Nearly Kähler and nearly Kenmotsu manifolds	967
Nikrooz HEIDARI, Niloufar Hossein Pour KASHANI, Behzad NAJAFI	
Dynamic optimal contract under parameter uncertainty with risk-averse agent and principal	977
Kerem UĞURLU	
A new formula for hyper-Fibonacci numbers, and the number of occurrences	993
Takao KOMATSU, László SZALAY	
On the monodromy of Milnor open books	1005
Selma ALTINOK, Mohan BHUPAL	
Lower and upper solutions method for a problem of an elastic beam whose one end is simply supported and the other end is sliding clamped	1018
Man XU, Ruyun MA, Jin WEN	
Generation of efficient and ϵ -efficient solutions in multiple objective linear programming	1031
Zohra Sabrina DELHOUM, Sonia RADJEF, Fatima BOUDAUD	
On the growth of meromorphic solutions of some higher order linear differential equations	1049
Farid MESBOUT, Tahar ZERZAIHI	
An expansion theorem for q -Sturm–Liouville operators on the whole line	1060
Bilender PAŞAOĞLU ALLAHVERDİEV, Hüseyin TUNA	
On the existence and uniqueness of solutions to dynamic equations	1072
Başak KARPUZ	
Fedja’s proof of Deepti’s inequality	1090
Sofya OSTROVSKA, Mehmet TURAN	
On spacelike rectifying slant helices in Minkowski 3-space	1098
Bülent ALTUNKAYA, Levent KULA	
Modified objective function approach for multitime variational problems	1111
Anurag JAYSWAL, Tadeusz ANTCZAK, Shalini JHA	
The united stable solution set of interval continuous-time algebraic Riccati equation and verified numerical computation of its outer estimation	1130
Tayyabe HAQIRI, Mahmoud MOHSENI MOGHADAM, Azim RIVAZ	
Quasi-proper efficiency: a quantitative enhanced efficiency	1156
Latif POURKARIMI, Masoud KARIMI	
Some series involving the Euler zeta function	1166
Min-Soo KIM	
On hypersurfaces with parallel Möbius form and constant para-Blaschke eigenvalues	1180
Shujie ZHAI, Xiuli GUO, Zejun HU	
Vertex covers in graphs with loops	1192
Maurizio IMBESI, Monica LA BARBIERA	
Co-maximal signed graphs of commutative rings	1203
Deepa SINHA, Anita Kumari RAO	
Hyperplanes, parallelism, and related problems in Veronese spaces	1221
Krzysztof PETELCZYC, Krzysztof PRAŻMOWSKI, Małgorzata PRAŻMOWSKA, Mariusz ŻYNEL	

More on sequential order of compact scattered spaces	1236
Alan DOW, Seçil TOKGÖZ	
Just non-Artinian modules over some group rings	1242
Leonid A. KURDACHENKO, Marco TROMBETTI	
A study on (strong) order-congruences in ordered semihypergroups	1255
Jian TANG, Yanfeng LUO, Xiangyun XIE	
Graphs of <i>BCI/BCK</i> -algebras	1272
Atena TAHMASBPOUR MEIKOLA	
Fréchet–Hilbert spaces and the property SCBS	1294
Elif UYANIK, Murat Hayrettin YURDAKUL	
On some multivariate LCM and GCD sums	1298
Khola ALGALI	
On the solutions of a fractional boundary value problem	1307
Ekin UĞURLU, Dumitru BALEANU, Kenan TAŞ	
Diagonal lift in the semi-cotangent bundle and its applications	1312
Furkan YILDIRIM	
Analysis of mixed-order Caputo fractional system with nonlocal integral boundary condition	1328
Tuğba AKMAN YILDIZ, Neda KHODABAKHSHI, Dumitru BALEANU	
Gröbner–Shirshov basis for the singular part of the Brauer semigroup	1338
Fırat ATEŞ, Ahmet Sinan ÇEVİK, Eylem GÜZEL KARPUZ	
Conformable fractional Sturm–Liouville equation and some existence results on time scales	1348
Tüba GÜLŞEN, Emrah YILMAZ, Hikmet KEMALOĞLU	
On strongly autinertial groups	1361
Cansu BETİN ONUR	
A new class of generalized polynomials	1366
Nabiullah KHAN, Talha USMAN, Junesang CHOI	
Differential subordination and radius estimates for starlike functions associated with the Booth lemniscate	1380
Nak Eun CHO, Sushil KUMAR, Virendra KUMAR, V. RAVICHANDRAN	
On the local superconvergence of the fully discretized multiprojection method for weakly singular Volterra integral equations of the second kind	1400
Hossein BEYRAMI, Taher LOTFI	
The classification of rings with its genus of class of graphs	1424
Thangaraj ASIR, Karuppiyah MANO	
The Brezis–Lieb lemma in convergence vector lattices	1436
Mohammad MARABEH	
Multiplier and approximation theorems in Smirnov classes with variable exponent	1442
Daniyal ISRAFILOV, Ahmet TESTİCİ	
Jakimovski–Leviatan operators of Durrmeyer type involving Appell polynomials	1457
Pooja GUPTA, Purshottam Narain AGRAWAL	

Convergence analysis and numerical solution of the Benjamin–Bona–Mahony equation by Lie–Trotter splitting	1471
Fatma ZÜRNACI, Nurcan GÜCÜYENEN KAYMAK , Muaz SEYDAOĞLU Gamze TANOĞLU	
Gadjieva’s conjecture, K -functionals, and some applications in weighted Lebesgue spaces	1484
Ramazan AKGÜN	
Remarks on the zero Toeplitz product problem in the Bergman and Hardy spaces	1504
Mübariz Tapdıgođlu GARAYEV, Mehmet GÜRDAL	
Generalized geometry of Goncharov and configuration complexes	1509
Muhammad KHALID, Javed KHAN, Azhar IQBAL	
On small covers over a product of simplices	1528
Murat ALTUNBULAK, Ash GÜÇLÜKAN İLHAN	
On reflexivity of the Bochner space $L^p(\mu, E)$ for arbitrary μ	1536
Bahaettin CENGİZ, Banu GÜNTÜRK	