

ISSN 2095-2651
CODEN SYPIET



QK2042440

Journal of

Mathematical

Research with

Applications

数学研究及应用

Vol.40 **5** 2020

Research Papers

- Normal bipolar fuzzy ideals in non-involutive residuated latticesChunhui LIU (441)
- Ordering quasi-tree graphs by the second largest signless Laplacian eigenvalues
.....Zhen LIN, Shuguang GUO, Lianying MIAO (453)
- The $L(3, 2, 1)$ -labeling problem for treesXiaoling ZHANG (467)
- Double series identity and some Laurent type hypergeometric generating relations
..... Mohammad Idris QURESHI, Mahvish ALI, Dilshad AHAMAD (476)
- Estimations for the spectral radius of nonnegative tensorsAiquan JIAO (487)
- The general solution and Ulam stability of second order linear dynamic equations on time scales
..... Yonghong SHEN, Yongjin LI (493)
- Some properties of solutions for some types of Q -difference equations originated from
 Q -difference Painlevé equationHongyan XU, Xiumin ZHENG (507)
- Characterizations of commutators of singular integral operators on variable exponent spaces
.....Chenglong FANG (519)
- Inexact averaged projection algorithm for nonconvex multiple-set split feasibility problems
.....Ke GUO, Chunrong ZHU (534)
- A refined non-asymptotic tail bound of sub-Gaussian matrix
.....Xianjie GAO, Chao ZHANG, Hongwei ZHANG (543)



Journal of Mathematical Research with Applications

Formerly Journal of Mathematical Research and Exposition
Bimonthly Founded in 1981

Supervised by

The Ministry of Education of the People's Republic of China

Sponsored by

Dalian University of Technology &

China Society for Industrial and Applied Mathematics

Editors-in-Chief

Lei GUO & Renhong WANG

Edited & Published by

The Editorial Office of Journal of

Mathematical Research with Applications

Address: No.2 Linggong Road, Ganjingzi District

Dalian 116024, P. R. China

Printed by

Dalian University of Technology Printing Co., Ltd.

Distributed

In China by Local Post Offices;

Overseas by China National Publications

Import & Export (Group) Corporation

ISSN 2095-2651



9 772095 265121

万方数据

ISSN 2095-2651

CN 21-1579 / 01

PO Subscription Code 8-92

Price 20.00 RMB