Journal of



Mathematical Research with Applications

数学研究及应用

Journal of Mathematical Research with Applications

Vol.38 No.1 (Sum No.168)

Contents

January 2018

Research Papers

Hypergraphs with spectral radius between two limit points
Shoudong MAN, Linyuan LU, Shuhua ZHANG (1)
Nullity of Hermitian-adjacency matrices of mixed graphs Fenglei TIAN, Dein WONG (23)
Flag-transitive point-primitive $(v, k, 4)$ -symmetric designs with $\mathrm{PSL}_n(q)$ as socle
Properties of some families of meromorphic multivalent functions associated with
generalized hypergeometric functions Mostafa ALBEHBAH, Maslina DARUS (43)
The principle of numerical calculations for the eigenvalue comparison on parameterized surfaces
Lanbao HOU, Jing MAO (58)
The eigenvalue problem for $p(x)$ -Laplacian equations involving Robin boundary condition
Lujuan YU, Fengquan LI, Fei XU (63)
Maps to ordered topological vector spaces and stratifiable spaces Erguang YANG, Yun XU (77)
Lanne's T-functor and hypersurfaces
Reduced polynomial of framed links in thickened torus
Precise rates in the generalized law of the iterated logarithm in \mathbb{R}^m



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



ISSN 2095-2651

CN 21-1579 / O1

PO Subscription Code 8-92

Price 20.00 RMB