

Journal of

## Mathematical Research with Applications

数学研究及应用



## Journal of Mathematical Research with Applications

Vol.38 No.5 (Sum No.172)

## Contents

September 2018

Research Papers
Several identities for inverse-conjugate compositions
Strongly W-Gorenstein complexes
Composition operators from Hardy-Orlicz spaces to Bloch-Orlicz type spaces Zhonghua HE (458)
Faber polynomial coefficient estimates on a subclass of bi-univalent functions
Xiaoyuan WANG, Zhiren WANG, Li YIN (465)
Carleson type measures supported on $(-1,1)$ and Hankel matricesLiu YANG (471)
Unique results for a new fourth-order boundary value problem
Multi-wavelet Bessel sequences in Sobolev spaces Jianping ZHANG, Chuanli CAI (487)
Some remarks on BLUP under the general linear model with linear equality restrictions
A classification of 3-dimensional Paracontact metric manifolds with $\varphi l = l \varphi$
Convergence of generalized alternating direction method of multipliers for nonseparable
nonconvex objective with linear constraints
Global convergence of conjugate gradient methods without line search



## 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



万方数据

ISSN 2095-2651

CN 21-1579 / O1

PO Subscription Code 8-92

Price 20.00 RMB