

Contents

Vol. 46, No. 2, 2025

Distributed worldwide by Springer. *Chinese Journal of Contemporary Mathematics* ISSN 0898-5111.

Exact Boundary Observability for Second-Order Quasilinear Hyperbolic Systems with Triangular Coupling Matrices <i>WANG Ke and YANG Panpan</i>	117
Fredholmness of Two-Order Upper Triangular Relation Matrices <i>ZHAO Na, WU Xiufeng, and HUANG Junjie</i>	133
The H-Toeplitz Operator on the Harmonic Bergman Space of the Upper Half-Space <i>ZHANG Chengjia, SUN Minghao, and LI Ran</i>	153
A Construction Theorem for n -Multiple Hilbert-Type Integral Inequality Involving Variational Upper Limit Integral Functions <i>HONG Yong and ZHAO Qian</i>	163
Weak Dual Drazin Inverse and Its Characterizations and Properties <i>WANG Hongxing, LING Qiuli, JIANG Tianhe, and LIU Shuangzhe</i>	173
Ray-Knight Compactification of Bilateral Birth-Death Processes <i>WANG Huixi and YING Jiangang</i>	191
Max-Phase-Isometry in the ℓ_p Spaces <i>TAN Dongni and LIU Jian</i>	205
On Entire Solutions of the Complex Differential Equation $(a_0f + a_1f' + a_2f'')^2 + (b_0f + b_1f' + b_2f'')^2 = 1$ <i>HU Binbin and YANG Liu</i>	215
