

Contents

Vol. 43, No. 2, 2008

Simultaneous English language translation of the journal is available from Allerton Press, Inc.
Distributed worldwide by Springer. *Journal of Contemporary Mathematical Analysis* ISSN 1068-3623.

Real Analysis

Orthogonal on the Circle Rational Functions with Fixed Poles II

A. V. Abramyan

67

Differential Equations

A Refinement of von Neumann–Heinz Theorem and Related Inequalities

L. Z. Gevorgyan

79

Hilbert Boundary Value Problem in the Weighted Spaces $L^1(\rho)$

H. M. Hayrapetyan and M. S. Hayrapetyan

85

Dirichlet Problem for Properly Elliptic Equations of Fourth Order in the Exterior of an Ellipse

A. Ya. Sahakyan

100

Oscillation of Solutions of a Boundary Value Problem for Dirac Canonical System

G. G. Sahakyan

104

Blow-Up the Symmetry Analysis for the Hirota–Satsuma Equations

H. A. Zedan

108

Functional Analysis

On a Generalization of Nonlinear Pseudoparabolic Variational Inequalities

A. A. Petrosyan and G. S. Hakobyan

118
