

Cover-to-cover translation of the present IZVESTIYA is published by Allerton Press, Inc. New York, under the title

JOURNAL OF CONTEMPORARY MATHEMATICAL ANALYSIS

(Armenian Academy of Sciences)

Below is the contents of a sample issue of the translation

Vol. 52, No. 6, 2017

CONTENTS

W. LV, Existence of solutions for discrete fractional difference inclusions with boundary conditions	261
G. A. KARAPETYAN, An integral representation and embedding theorems in the plane for multianisotropic spaces	267
R. K. PARMAR, T. K. POGÁNY, Extended Srivastava's triple hypergeometric $H_{A,p,q}$ function and related bounding inequalities	276
B. N. YENGIBARYAN, N. B. YENGIBARYAN, On a transformation of integral equations	288
A. I. PETROSYAN, Bounded projectors and duality in the spaces of functions holomorphic in the unit ball	295
F. WILLOT, Mean covariogram of cylinders and applications to Boolean random sets	305 315

ИЗВЕСТИЯ НАН АРМЕНИИ: МАТЕМАТИКА

том 53, номер 1, 2018

СОДЕРЖАНИЕ

S. ALI, A. FOŠNER, W. JING, On generalized derivations and centralizers of operator algebras with involution	3
Л. Г. АРАБАДЖЯН, С. А. ХАЧАТРЯН, Об однородном интегральном уравнении с двумя ядрами	13
А. Г. БАРСЕГЯН, Об интегральных уравнениях, ядра которых однородные функции степени (-1)	23
П. С. ГЕВОРКЯН, Группы обратимых бинарных операций топологического пространства	37
S. GULZAR AND N. A. RATHER, On a composition preserving inequalities between polynomials	45
В. Н. МАРГАРЯН, Г. Г. КАЗАРЯН, О выделении гладких решений одного класса почти гипозллиптических уравнений постоянной мощности	53
M. H. SAFARYAN, On an equivalency of rare differentiation bases of rectangles	68
А. Х. ХАЧАТРЯН, Х. А. ХАЧАТРЯН, А. А. ХАЧАТРЯН, Однопараметрическое семейство положительных решений для одного нелинейного интегрального уравнения, возникающего в физической кинетике	74
L.-H. CHEN, A sub-density theorem of Sturm-Liouville eigenvalue problem with finitely many singularities	84-90

IZVESTIYA NAN ARMENII: MATEMATIKA

Vol. 53, No. 1, 2018

CONTENTS

S. ALI, A. FOŠNER, W. JING, On generalized derivations and centralizers of operator algebras with involution	3
L. G. ARABADZHYAN, S. A. KHACHATRYAN, On a homogeneous integral equation with two kernels	13
A. G. BARSEGYAN, On integral equations the kernels of which are homogeneous functions of degree (-1)	23
P. S. GEVORGYAN, Groups of invertible binary operations of a topological space	37
S. GULZAR AND N. A. RATHER, On a composition preserving inequalities between polynomials	45
V. N. MARGARYAN AND H. G. GHAZARYAN, On extraction of smooth solutions of a class of almost hypoelliptic equations with constant power	53
M. H. SAFARYAN, On an equivalency of rare differentiation bases of rectangles	68
А. Х. ХАЧАТРЯН, Х. А. ХАЧАТРЯН, А. А. ХАЧАТРЯН, One-parameter family of positive solutions for a nonlinear integral equation arising in physical kinetics	74
L.-H. CHEN, A sub-density theorem of Sturm-Liouville eigenvalue problem with finitely many singularities	84-90