

CONTENTS

N.F. Abuzyarova

ON CONDITION OF REPRESENTING A SUBSPACE IN SCHWARTZ SPACE INVARIANT WITH
RESPECT TO DIFFERENTIATION AS DIRECT SUM OF ITS RESIDUAL AND EXPONENTIAL
COMPONENTS
pp. 3–7

G.A. Gaisina

REPRESENTATION OF ANALYTIC FUNCTIONS BY EXPONENTIAL SERIES
IN HALF-PLANE WITH GIVEN GROWTH MAJORANT
pp. 8–16

F.N. Garif'yanov, E.V. Strezhneva

SUM-DIFFERENCE EQUATION FOR ANALYTIC FUNCTIONS GENERATED
BY A TRIANGLE AND ITS APPLICATIONS
pp. 17–22

K.Yu. Zamana

AVERAGING OF RANDOM ORTHOGONAL TRANSFORMATIONS
OF INDEPENDENT VARIABLE OF FUNCTIONS
pp. 23–41

M.A. Komarov

CONVERGENCE RATE OF ONE CLASS OF DIFFERENTIATING SUMS
pp. 42–50

A.B. Kostin, V.B. Sherstyukov

INTEGRAL REPRESENTATIONS OF QUANTITIES ASSOCIATED
WITH GAMMA FUNCTION
pp. 51–64

N.A. Rautian

EXPONENTIAL STABILITY OF SEMIGROUPS GENERATED
BY VOLTERRA INTEGRO-DIFFERENTIAL EQUATIONS
pp. 65–81

E.G. Rodikova

ON COEFFICIENT MULTIPLIERS FOR PLANAR PRIVALOV CLASSES
pp. 82–93

A.I. Fedotov

JUSTIFICATION OF GALERKIN AND COLLOCATIONS METHODS
FOR ONE CLASS OF SINGULAR INTEGRO-DIFFERENTIAL EQUATIONS ON INTERVAL
pp. 94–114

R.S. Yulmukhametov

DUAL SPACES TO WEIGHTED SPACES OF LOCALLY INTEGRABLE FUNCTIONS
pp. 115–125

O.Sh. Sharipov, A.F. Norjigitov

LAW OF LARGE NUMBERS FOR WEAKLY DEPENDENT RANDOM VARIABLES
WITH VALUES IN $D[0, 1]$
pp. 126–133

Abstracts

pp. 134–140

Contents

pp. 141–142