

CONTENTS

Dedicated to the 70th anniversary of V.V. Napalkov

pp. 3–5

E.D. Avdonina and N.H. Ibragimov

EQUIVALENCE GROUP ANALYSIS AND NONLINEAR SELF-ADJOINTNESS OF THE
GENERALIZED KOMPANEETS EQUATION

pp. 6–16

G.G. Amosov, A.D. Baranov, V.V. Kapustin

APPLICATIONS OF MODEL SPACES TO CONSTRUCTION OF COCYCLIC PERTURBATIONS OF A
SEMIGROUP OF SHIFTS ON A SEMIAXIS

pp. 17–28

G.G. Braichev

EXACT ESTIMATES OF TYPES OF ENTIRE FUNCTIONS OF AN ORDER $\rho \in (0; 1)$ WITH
ZEROES ON THE RAY

pp. 29–37

A.M. Gaisin, Zh.G. Rakhmatullina

ITERATIONS OF ENTIRE TRANSCENDENTAL FUNCTIONS WITH A REGULAR BEHAVIOR OF
THE MODULUS MINIMUM

pp. 38–46

N.P. Girya, S.Yu. Favorov

A PERIODICITY CRITERIUM FOR QUASIPOLYNOMIALS

pp. 47–52

M. Gürses, A.V. Zhiber, I.T. Habibullin

CHARACTERISTIC LIE RINGS OF DIFFERENTIAL EQUATIONS

pp. 53–62

K.P. Isaev, K.V. Trunov

ON THE DISTRIBUTION OF INDICATORS OF UNCONDITIONAL EXPONENTIAL BASES IN
SPACES WITH A POWER WEIGHT

pp. 63–70

A.A. Kasatkin

SYMMETRY PROPERTIES FOR SYSTEMS OF TWO ORDINARY FRACTIONAL DIFFERENTIAL
EQUATIONS

pp. 71–81

V.E. Kim

EIGENFUNCTIONS OF ANNIHILATION OPERATORS
ASSOCIATED WITH WIGNER'S COMMUTATION RELATIONS
pp. 82–87

A.S. Krivosheyev

AN ALMOST EXPONENTIAL SEQUENCE OF EXPONENTIAL POLYNOMIALS
pp. 88–106

V.I. Kuzovатов

ON SOME FAMILIES OF COMPLEX LINES SUFFICIENT
FOR HOLOMORPHIC EXTENSION OF FUNCTIONS
pp. 107–121

M.P. Mahola, P.V. Filevych

THE ANGULAR DISTRIBUTION OF ZEROS OF RANDOM ANALYTIC FUNCTIONS
pp. 122–135

M.I. Musin

ON A SPACE OF ENTIRE FUNCTIONS DECREASING RAPIDLY ON A REAL LINE
pp. 136–145

A.Y. Timofeev

BOUNDARY PROBLEM FOR THE GENERALIZED CAUCHY–RIEMANN EQUATION IN SPACES,
DESCRIBED BY THE MODULUS OF CONTINUITY
pp. 146–152

R.A. Sharipov

PERFECT CUBOIDS AND IRREDUCIBLE POLYNOMIALS
pp. 153–160

O.V. Sherstyukova

ON EXTREMAL TYPE OF AN ENTIRE FUNCTION OF ORDER LESS THAN UNITY
WITH ZEROS OF PRESCRIBED DENSITIES AND STEP
pp. 161–165

O.A. Zolota

ON THE ASYMPTOTIC BEHAVIOR OF THE CAUCHY-STIELTJES INTEGRAL IN THE POLYDISC
pp. 166–172

Abstracts

pp. 173–178

Contents

pp. 179–180

Information for authors

pp. 181–183