

CONTENTS

N.F. Abuzyarova

CLOSED SUBMODULES IN THE MODULE OF ENTIRE FUNCTIONS OF EXPONENTIAL TYPE
AND POLYNOMIAL GROWTH ON THE REAL AXIS
pp. 3–18

N.N. Aitkuzhina, A.M. Gaisin

K-ORDER ESTIMATE FOR DIRICHLET SERIES IN A HALF-STRIP
pp. 19–31

E.R. Andriyanova, F.Kh. Mukminov

EXISTENCE OF SOLUTION FOR PARABOLIC EQUATION WITH NON-POWER NONLINEARITIES
pp. 32–49

V.M. Bruk

INVERTIBILITY OF LINEAR RELATIONS GENERATED BY INTEGRAL EQUATION WITH
OPERATOR MEASURES
pp. 50–62

I.V. Verevkin

GENERALIZED SOLUTIONS AND EULER-DARBOUX TRANSFORMATIONS
pp. 63–70

M.V. Dontsova

NONLOCAL SOLVABILITY CONDITIONS FOR CAUCHY PROBLEM FOR A SYSTEM OF FIRST
ORDER PARTIAL DIFFERENTIAL EQUATIONS WITH SPECIAL RIGHT-HAND SIDES
pp. 71–82

I.A. Kaliev, A.A. Shukhardin, G.S. Sabitova

BOUNDARY VALUE PROBLEMS FOR EQUATIONS OF VISCOUS HEAT-CONDUCTING GAS
IN TIME-INCREASING NON-CYLINDRICAL DOMAINS
pp. 83–101

M.E. Muminov, A.M. Khurramov

SPECTRAL PROPERTIES OF TWO PARTICLE HAMILTONIAN ON ONE-DIMENSIONAL LATTICE
pp. 102–110

I.Kh. Musin, M.I. Musin

ON FOURIER TRANSFORMATION OF A CLASS OF ENTIRE FUNCTIONS
pp. 111–124

B.N. Khabibullin

HELLY'S THEOREM AND SHIFTS OF SETS. II. SUPPORT FUNCTION,
EXPONENTIAL SYSTEMS, ENTIRE FUNCTIONS
pp. 125–138

A.R. Khashimov, S. Yakubov

ON THE PROPERTIES OF CAUCHY PROBLEM FOR NON STATIONARY COMPOSITE TYPE
THIRD ORDER EQUATION
pp. 139–148

Abstracts

pp. 149–152

Contents

pp. 153–154