

## CONTENTS

**A.V. Abanin**

SAMPLING SETS FOR THE SPACE OF HOLOMORPHIC FUNCTIONS  
OF POLYNOMIAL GROWTH IN A BALL  
pp. 3–14

**N.N. Aitkuzhina, A.M. Gaisin**

EXACTNESS OF ESTIMATES FOR  $k$ TH ORDER  
OF DIRICHLET SERIES IN A SEMI-STRIP  
pp. 15–24

**A.R. Bikmetov, V.F. Vil'danova, I.Kh. Khusnullin**

ON PERTURBATION OF A SCHRÖDINGER OPERATOR  
ON AXIS BY NARROW POTENTIALS  
pp. 25–33

**G.G. Braichev**

THE EXACT BOUNDS OF LOWER TYPE MAGNITUDE FOR ENTIRE FUNCTION  
OF ORDER  $\rho \in (0, 1)$  WITH ZEROS OF PRESCRIBED AVERAGE DENSITIES  
pp. 34–60

**N.P. Girya, S.Yu. Favorov**

VARIOUS DEFINITIONS OF THE SPECTRUM OF ALMOST PERIODIC FUNCTIONS  
pp. 61–74

**O.A. Ivanova, S.N. Melikhov**

ON THE ORBITS OF ANALYTIC FUNCTIONS WITH RESPECT  
TO A POMMIEZ TYPE OPERATOR  
pp. 75–79

**B.E. Kanguzhin, N.E. Tokmagambetov**

CONVOLUTION, FOURIER TRANSFORM AND SOBOLEV SPACES GENERATED  
BY NON-LOCAL IONKIN PROBLEM  
pp. 80–92

**Yu.F. Korobeinik**

ON SOME PROBLEMS IN THE THEORY OF THE RIEMANN'S ZETA-FUNCTION  
pp. 93–98

**R.Ch. Kulaev**

COMPARISON THEOREMS FOR GREEN FUNCTION  
OF A FOURTH ORDER BOUNDARY VALUE PROBLEM ON A GRAPH  
pp. 99–108

**Kh.Kh. Murtazin, Z.Yu. Fazullin**

FORMULA OF THE REGULARIZED TRACE FOR PERTURBATION  
IN THE SCHATTEN-VON NEUMANN OF DISCRETE OPERATORS  
pp. 109–115

**A.Yu. Trynin**

ON SOME PROPERTIES OF SINC APPROXIMATIONS  
OF CONTINUOUS FUNCTIONS ON THE INTERVAL  
pp. 116–132

**F.A. Shamoyan**

ON A CLASS OF INNER FUNCTIONS IN A HALF-SPACE  
pp. 133–145

**O.V. Sherstyukova**

THE PROBLEM ON THE MINIMAL TYPE OF ENTIRE FUNCTIONS OF ORDER  $\rho \in (0, 1)$   
WITH POSITIVE ZEROES OF PRESCRIBED DENSITIES AND STEP  
pp. 146–154

**V.S. Khoroshchak, A. A. Kondratyuk**

STATIONARY HARMONIC FUNCTIONS ON HOMOGENEOUS SPACES  
pp. 155–159

**A. Bërdëllima**

ABOUT A CONJECTURE REGARDING  
PLURISUBHARMONIC FUNCTIONS  
pp. 160–171

**Abstracts**

pp. 172–175

**Contents**

pp. 176–177