

## CONTENTS

**E.R. Andriyanova**

ESTIMATES OF DECAY RATE FOR SOLUTION TO PARABOLIC EQUATION  
WITH NON-POWER NONLINEARITIES  
pp. 3–25

**V.N. Dilnyi**

SPLITTING OF SOME SPACES OF ANALYTIC FUNCTIONS  
pp. 26–35

**K.P. Isaev, R.S. Yulmukhametov, A.A. Yunusov**

ENTIRE FUNCTIONS WITH FINE ASYMPTOTIC ESTIMATES FOR CONVEX FUNCTIONS  
pp. 36–44

**L.A. Kalyakin**

PHANTOM ASYMPTOTIC SOLUTIONS  
pp. 45–66

**L.M. Kozhevnikova, A.A. Khadzhi**

BOUNDEDNESS OF SOLUTIONS TO ANISOTROPIC SECOND ORDER ELLIPTIC EQUATIONS  
IN UNBOUNDED DOMAINS  
pp. 67–77

**M.V. Plekhanova, V.E. Fedorov**

ON CONTROL OF DEGENERATE DISTRIBUTED SYSTEMS  
pp. 78–98

**S.V. Khabirov**

OPTIMAL SYSTEM FOR THE SUM OF TWO IDEALS ADMITTED  
BY THE HYDRODYNAMIC TYPE EQUATIONS  
pp. 99–103

**M.G. Yumagulov, D.A. Yakshibaeva**

STUDY OF MAIN SCENARIOS OF BIFURCATION FOR FUNCTIONAL DIFFERENTIAL  
TIME-DELAY EQUATIONS  
pp. 104–112

**A.O. Kuryliak, O.B. Skaskiv, O.V. Zrum**

LEVY'S PHENOMENON FOR ENTIRE FUNCTIONS OF SEVERAL VARIABLES  
pp. 113–122

**N.B. Sokulska**

DESCRIPTION OF ZERO SEQUENCES OF HOLOMORPHIC AND MEROMORPHIC FUNCTIONS OF  
FINITE  $\lambda$ -TYPE IN A CLOSED HALF-STRIP

pp. 123–127

**Abstracts**

pp. 128–130

**Contents**

pp. 131–132