Contents

Number 9

Inverse function theorem and conditions of extremum for abnormal problems with non-closed range 1251
E. R. Avakov and A. V. Arutyunov

On the index of elliptic operators on manifolds with edges 1271

The index of multiplicative groups of algebraic numbers 1307
E. M. Matveev

Exponential solubility classes in a problem for the heat equation with a non-local condition for the time averages 1319
A. Yu. Popov and I. V. Tikhonov

Reflection subgroups of Euclidean reflection groups 1349
P. V. Tumarkin and A. A. Felikson

Deformations of classical Lie algebras with homogeneous root system in characteristic two. I 1371
N. G. Chebochko

Number 10

The structure of a group quasisymmetrically conjugate to a group of affine transformations of the real line 1403
L. A. Beklaryan

On the theory of perturbed inclusions and its applications 1421
A. I. Bulgakov, O. P. Belyaeva, and A. A. Grigorenko

Bianchi congruences of two-dimensional surfaces in $E^4$ 1473
V. A. Gor'kavyi

Uniform distribution and Voronoi convergence 1459
V. V. Kozlov and T. Madsen

Central extensions and reciprocity laws on algebraic surfaces 1503
D.V. Osipov

Direct and inverse scattering problems for the perturbed Hill difference equation 1529
Ag. Kh. Khanmamedov