VOLUME 50

Number 8

2006

RUSSIAN MATHEMATICS (Iz. VUZ)

Pages

Russian/English

A positive solution of a two-point boundary value problem for a certain nonlinear ordinary differential equation of the fourth order E.I. Abduragimov	1
Hyperbolic functions and first order nonlinear ordinary differential equations over a Banach algebra V.P. Derevenskii	5
Classification of equivolume maps of pseudo-Riemannian manifolds. T.V. Zudina and S.E.Stepanov) 17
Boundary properties of the Cauchy integral along a curve which loses its rectifiability near a single point. B.A. Kats) 26
Necessary and sufficient conditions for Hom-divisibility of rational groups. Ye.N. Kurmanova and A.M. Sebeldin	3 34
Variational Hamiltonian systems and integration of the Jacobi equation on homogeneous spaces. A.A. Magazev and I.V. Shirokov	2 38
Exact analytic solutions to the problem about plane forms of free oscillations of a rectangular plate with free edges. V.N. Paimushin	4 50
The tangential convergence almost everywhere of operators with common kernels. L.V. Smovzh	3 59
SET-1-reducibility on the class of computable sets. A.N. Frolov) 65
A BMO ^p _{λ} (\mathbb{D}) space, compact Toeplitz operators with BMO ¹ _{λ} (\mathbb{D}) symbols on weighted Bergman spaces, and the Berezin transform. A.N. Karapetyants	6 71