

Contents

Vol. 53, No. 11, 2009

Simultaneous English language translation of the journal is available from Allerton Press, Inc.
Distributed worldwide by Springer. *Russian Mathematics (Iz. VUZ)* ISSN 1066-369X.

Absolute Convergence of Fourier Series of Superpositions of Functions <i>G. A. Akishev</i>	1
The Neumann Problem for a Mixed-Type Equation in a Rectangular Domain <i>A. A. Bakhristova</i>	9
On Definability of Completely Decomposable Torsion-Free Abelian Groups by Certain Groups of Homomorphisms <i>T. A. Beregovaya</i>	16
Differentiable Mappings of Affine Spaces into Manifolds of m -Planes in a Multidimensional Euclidean Space <i>E. T. Ivlev and E. A. Moldovanova</i>	20
The Dirichlet Problem for a Mixed-Type Equation with Characteristic Degeneration in a Rectangular Domain <i>K. B. Sabitov and A. Kh. Suleimanova</i>	37
Form-Preserving Exponential Approximation <i>Yu. N. Subbotin</i>	46
Brief communications	
The Necessary Optimality Conditions for a Controllable Integro-Differential System <i>A. V. Bukina and V. A. Terletskii</i>	53
Representation of Automorphic Forms as Lacunary Series and Blaschke Products <i>F. N. Garif'yanov</i>	58
Dual Connections on a Normalized Hypersurface in an Affinely Connected Space <i>A. V. Khristoforova</i>	63
Connections Induced by the Rolling of a Ball on a Surface <i>V. V. Cherkasova</i> (Submitted by A.V. Aminova)	69
An Almost Sure Limit Theorem for Random Sums of Independent Random Variables in the Domain of Attraction of a Semistable Law <i>A. N. Chuprunov and L. P. Terekhova</i>	74
