

Contents

Vol. 53, No. 7, 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.

One-Dimensional Quasiperiodic Tilings Admitting Progressions Enclosure <i>V. V. Krasil'shchikov, A. V. Shutov, and V. G. Zhuravlev</i>	1
Phenomenologically Symmetric Local Lie Groups of Transformations of the Space R^s <i>V. A. Kyrov</i>	7
High-Accuracy Schemes of the Finite Element Method for Systems of Degenerate Elliptic Equations on an Interval <i>A. D. Lyashko[†], Sh. I. Tayupov, and M. R. Timerbaev</i>	17
Multivalued Dynamic Systems with Weights <i>P. I. Troshin</i>	28
The Cauchy Problem in Sobolev Spaces for Dirac Operators <i>I. V. Shestakov</i>	43
Brief communications	
Dual Affine-Metrically Connected Spaces <i>T. G. Alyonina</i>	55
Optimization of One Class of Hyperbolic Systems with Smooth Controls <i>A. V. Arguchintsev and V. P. Poplevko</i> (Submitted by V. A. Srochko)	60
A Theorem on Strongly η -Representable Sets <i>M. V. Zubkov</i> (Submitted by M. M. Arslanov)	65
