

Contents

Vol. 57, No. 10, 2013

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

On Some Functional Calculus of Closed Operators in a Banach Space <i>A. A. Atvinovskii and A. R. Mirotin</i>	1
On Positiveness of the Cauchy Function of a Singular Linear Functional Differential Equation <i>I. M. Plaksina</i>	13
Sine and Cosine Series in L_φ Classes <i>B. V. Simonov</i>	19
Characteristic Problems with Normal Derivatives for Hyperbolic Systems <i>E. A. Sozontova</i>	37
Brief communications	
Explicit Forms of the Schwarz Integral with Applications for Inverse Boundary-Value Problems <i>N. R. Abubakirov and L. A. Aksent'ev</i>	48
On Compact Quantum Semigroup QS_{red} <i>M. A. Aukhadiev, S. A. Grigoryan, and E. V. Lipacheva</i> (Submitted by D.Kh. Mushtari)	54
Defining Relations of a Free Modular Lattice of Rank 3 <i>A. G. Gein and M. P. Shushpanov</i> (Submitted by L.N. Shevrin)	59
Sets Convex in a Cone of Directions <i>M. A. Sevodin</i> (Submitted by I.V. Konnov)	62
A Difference Scheme for the Numerical Solution of an Advection Equation with Aftereffect <i>S. I. Solodushkin</i> (Submitted by V.V. Vasin)	65
