

Contents

Vol. 54, No. 8, 2018

A simultaneous English language translation of this journal is available from Pleiades Publishing, Ltd.
Distributed worldwide by Springer. *Differential Equations* ISSN 0012-2661.

Ordinary Differential Equations

Supremum of the Perron Exponent on the Solutions of a Linear System with Slowly Growing Coefficients is Metrically Typical <i>A. G. Gargyants</i>	993
On a Version of the Hyperbolic Annulus Principle <i>S. D. Glyzin, A. Yu. Kolesov, and N. Kh. Rozov</i>	1000
Stability Conditions for Solutions of Multidimensional Completely Integrable Differential Equations <i>L. B. Knyazhishche</i>	1026
Bessel Property of the System of Root Functions of a Second-Order Singular Operator on an Interval <i>L. V. Kristskov</i>	1032

Partial Differential Equations

Complex Cauchy Problem in a Scale of Analytic Functions with Power-Law Singularities <i>A. M. Biryukov</i>	1049
Homogenization Method in the Problem of Long Wave Propagation from a Localized Source in a Basin over an Uneven Bottom <i>D. A. Karaeva, A. D. Karaev, and V. E. Nazaikinskii</i>	1057
Total Preservation of the Solvability of the Semilinear Global Electric Circuit Equation <i>A. V. Chernov</i>	1073

Control Theory

Second-Order Necessary Optimality Conditions in Optimal Impulsive Control Problems <i>A. V. Arutyunov, D. Yu. Karamzin, F. L. Pereira, and N. Yu. Chernikova</i>	1083
Algebraic Approach to the Stabilization of a Differential System of Retarded Type <i>A. V. Metel'skii</i>	1102
Digital Stabilizer Design for a Switched Linear Control Delay System <i>A. S. Fursov, S. I. Minyaev, and V. S. Guseva</i>	1115
