

CONTENTS

Mathematical modeling

Minaev V.A., Sychev M.P., Vaitis E.V., Kirakosyan A.E. Simulation
Modelling of Computer Viruses Epidemics 3

Berezhnoj A.V., Polyakov V.T. The Limiting Possibilities of the Doppler
Sounding of the Ionosphere 13

Chaplinskij V.S., Zhukov A.O., Gladyshev A.I., Lysenko S.N., Surovtseva I.V.
Determination of Speed Parameters of Space Vehicles by Measurements
in Retiring Systems 17

Markovskiy A.S., Svekolkina N.I., Sharov S.A. The Task of Data Processing
of Radar Observations Using Scale Distributed Computing 24

Minaev V.A., Bondar K.M., Vaitis E.V., Belyakov I.A. Discrete and Event
Modelling of Monitoring and Management Processes of Information
Security 32

Terekhov V.G., Zakharov I.V. One-Parameter Distribution of a Continuous
Random Variable for Modeling Failures in Technical Systems 40

Control of complex systems

Klimenko I.S., Sharapova L.V. The General Problem of Decision-Making
and the Phenomenon of Uncertainty 44

Bukunov S.V., Bukunova O.V. Development of an Automated System
for Complex Evaluation of the Financial State of Credit Institutions 59

Ivanov O.S., Pilkevich S.V., Gnidko K.O., Lokhvitsky V.A., Dudkin A.S., Sabirov T.R.
Justification for the Terminological Basis Studies of the Human Psyche
Contamination's Forms 69

Vasil'ev A.S., Zakharov I.V. Reducing the Complexity of Evolutionary
Search with Stochastic Objective Function 77

Computer science and engineering

<i>Gulyaev D.N., Batmanova O.V., Danilenko O.I. Multi-Well Deconvolution Method Implementation for oil Reservoir Characterization</i>	81
<i>Vitenburg E.A. Formalized Model for Assessing the Security of an Enterprise Information System</i>	92
<i>Recommendations for the authors</i>	102
<i>Information about authors</i>	104
<i>Contents</i>	111