

CONTENTS

Mathematical Modeling

- Minaev V.A., Korolev I.D., Konovalenko S.A., Vasiliev D.S., Sekunov V.G.*
Structural and Functional Simulation Model of Computer Attacks
on Automated Systems 3
- Bazilevskiy M.P., Noskov S.I.* Estimation of Index Regression Models
Using the Least Absolute Deviations 17
- Gruba M.G., Fomenko Yu.S., Kalinichenko S.V.* Analysis of the Influence
of Sound Information on the Operator of Automation Means 23
- Alimov N.I., Ponomarev A.L., Shubin D.A.* Efficiency Evaluation Method
of On-Bord Radio Engineering Complex of Earth Remote Sensing 31
- Oleynikov D.N., Bashmakov R.A., Shestakov D.A., Kazachkov M.S., Afanasyev K.I.*
Effective Supercapacitor Charging Via Sun Panel for Mote
of Wireless Sensor Network Algorithm Creation 39
- Artyshkin A.B., Kyksenko M.A., Pantenkov A.P.* Economical Coding
as a Method of Increasing the Speed of Information Transmission
in Telemetry Systems 43

Control of Complex Systems

- Buyankin M.P., Vatutin M.A., Klyuchnikov A.I.* Adaptation of Pendulum
Accelerometer Compensatory Type to Perturbing Factors of Outer Space 55
- Sushkov N.V.* Specifics of Using Information Management Systems
in Institutions of the Art Culture 59
- Goriachko V.V.* Algorithmization of Intellectual Support for Managerial
Decision Making for Keeping Track of the Geographically Related Social
and Economic Systems Significance 64
- Lisitskiy V.V., Kalinin T.V., Miganov A.G., Stolbov A.V.* Method of Resource
Allocation by Maintenance of Complex Technical Systems 71
- Kalinin T.V., Ryabchikov S.A., Sibilev R.V.* Approach to the Development
of Methods for Assessing the Noise Immunity of Radar Stations
Under the Influence of Active Noise Interference 79
- Klimenko I.S., Baskakov A.A., Sharapova L.V.*
To the Problem of Controllability in Feedback Systems 84
- Mikhaylin S.I.* Estimation of the Degree of Semantic Proximity
of Words by Means of Visualization of Their Vector Representation 93
- Khabarov R.S., Fomenko Yu.S.* Data Processing Organization Methodology
in the Unified Territorially Distributed Earth Remote Sensing Information System 99
- Pevneva A.G., Zimovets A.I., Sanzharevskij G.A.* System Analysis
and Modeling of Critical Load on Information Resources 105

<i>Ryzhenko A.A., Proshina O.M.</i> Model of Information and Analytical Support System for Fire Safety Management of Educational Complexes Major Cities and Agglomerates	111
<i>Tarasov A.G., Karpenko K.A.</i> Directions of Training Facilities Improvement for Training Specialists in the Operation of Rocket and Space Technology	121
<i>Poletaykin A.N.</i> Regularization of the Educational Activities	128
<i>Chernyshov B.A.</i> Classification Attributes and Mechanisms of Rating Management in Organizational Social-And-Economic Systems	138
Computer Science and Engineering	
<i>Zabuzov V.S., Kalyuzhnyj A.V.</i> The Method of Choice Monitoring of Technical State Parameters of the Information Calculation System	146
<i>Kalyuzhnyj A.V., Kremez G.V., Kosheľ I.N.</i> Evaluation of Memory Chips Performance in Experimental Studies	151
<i>Gladyshev A.I., Burov G.G.</i> Organization of Protection of Information Systems	159
<i>Kalyuzhnyj A.V., Goncharenko V.A., Sokolovskij A.N.</i> The Problem of Increasing the Survivability of Robotic Systems for Space Applications Based on Multi-Agent Technologies	168
<i>Kolomeets A.O., Vyplaven' V.S.</i> Comparative Analysis of the Time Parameters for the Strain Gauge Signal Processing Methods: Linear Convolution and Kalman Filter	174
<i>Bukunov S.V., Bukunova O.V.</i> Development of a Business Application for Evaluation and Analysis of the Financial Markets Data Using R Language	182
<i>Recommendations for the authors</i>	196
<i>Information about authors</i>	198
<i>Contents</i>	207