

## Contents

|  |            |
|--|------------|
| <i>Foreword</i> .....  | <i>3</i>   |
| Informatics and mathematics  |            |
| <b>Anpilogov A. O.</b>   |            |
| <i>Developing module of sensor net BMSS2</i> .....   | <i>5</i>   |
| <b>Ardentov A. A.</b>  |            |
| <i>Sequential and parallel algorithms and programs for approximate solving systems of algebraic equations in control theory problems</i> .....   | <i>9</i>   |
| <b>Bazarkin A. N.</b>  |            |
| <i>Main principles of temporal relational data models construction</i> .....   | <i>23</i>  |
| <b>Wjasileva I. N.</b>   |            |
| <i>Degree of thermodynamic perfection of simple systems of heat exchange depending on hydrodynamics of flows</i> .....   | <i>38</i>  |
| <b>Glukhovtsev A. S.</b>   |            |
| <i>Creation of a package of reports of diagnostic researches in technology the Free document of medical information system of family Interin PROMIS for information of activity of diagnostic branches</i> ..... | <i>52</i>  |
| <b>Elistratov A. V.</b>  |            |
| <i>Development of a hardware-software means of assemblies of switching of regional networks</i> .....  | <i>57</i>  |
| <b>Emelyanova Ju. G.</b>   |            |
| <i>The control of spacecraft orientation management system with cognitive graphics application</i> .....   | <i>63</i>  |
| <b>Efimova A. A.</b>   |            |
| <i>The problems about degree of steady for matrix and linear inequalities</i> ..   | <i>71</i>  |
| <b>Kazakov I. F., Magsumov D. R., Bezruk Ju. A., Kostyushko Ma. V.</b>   |            |
| <i>Personal healthcare information system Interin DOC</i> .....  | <i>76</i>  |
| <b>Kazakov I. F., Magsumov D. R., Belyakin A. J.</b>   |            |
| <i>Regional medical information system of accounting for additional medicinal maintenance</i> .....  | <i>90</i>  |
| <b>Kulikov D. E.</b>   |            |
| <i>Data visualisation in the medical information systems. Issues and solutions</i> .....   | <i>101</i> |

|  |            |
|--|------------|
| <b>Mashtakov A. P.</b>   |            |
| <i>Approximate solution to control problem for nonlinear five-dimensional systems via nilpotent approximation .....</i>              | <b>117</b> |
| <b>Mikhailov A. Y.</b>   |            |
| <i>Effective traffic measurement and accounting.....</i>   | <b>132</b> |
| <b>Nedev M. D.</b>   |            |
| <i>Protocols and algorithms in LoWPAN-networks .....</i>   | <b>147</b> |
| <b>Rancev S. S.</b>  |            |
| <i>Developing power supply NanoUP.....</i>   | <b>157</b> |
| <b>Stepanov D. N.</b>  |            |
| <i>Development and realization of client part of information system of Pereslavl University based on technology named AJAX .....</i> | <b>161</b> |
| <b>Stotsky M. V., Ardentov A. A.</b>   |            |
| <i>Searching similar images for DMSP pictures .....</i>  | <b>170</b> |
| <b>Tikhonova U. N.</b>   |            |
| <i>The New Method of Definition of Domain-Specific Languages .....</i>   | <b>183</b> |
| <b>Tyutliaeva E. O.</b>  |            |
| <i>Development and implementation of distributed remote sensing data storage .....</i>   | <b>195</b> |
| <b>Fesko O. V.</b>   |            |
| <i>Optimization of dynamical systems in the set of piecewise constant controls .....</i>   | <b>206</b> |
| <b>Chernikov M. K.</b>   |            |
| <i>Sensor, a SPAM statistics process-handler and web-pages in the Nadmin system User Interface development .....</i>                 | <b>218</b> |
| <b>Applied Informatics in Economy</b>  |            |
| <b>Amelkina M. A.</b>  |            |
| <i>Determination of quality of yield product selling at nonstationary markets .....</i>  | <b>224</b> |
| <b>Baidjanova Z.</b>   |            |
| <i>Pricing of excise commodities.....</i>  | <b>228</b> |
| <b>Bondarenko I. A.</b>  |            |
| <i>The concept of product life-cycle of the network marketing .....</i>  | <b>234</b> |
| <b>Bulanova N. Y.</b>  |            |
| <i>The not state pension funds: a reality and prospects.....</i>   | <b>244</b> |

|  |     |
|--|-----|
| <b>Vakhrina A. Y.</b>  |     |
| <i>Mathematical model of resources exchange in a closed economic system</i> .....  | 252 |
| <b>Grishanina E. O.</b>  |     |
| <i>The estimation of share rental income of extractive production incoming consolidated budget of the Russian Federation</i> ..... | 263 |
| <b>Ivanova O. S.</b>   |     |
| <i>Analysis of state of labour-market in Pereslavl-Zalessky accounting distribution of wage</i> .....                              | 273 |
| <b>Kanaykin R. G.</b>  |     |
| <i>Analysis of state accounts receivable and accounts payable at OOO "Reamol"</i> .....  | 285 |
| <b>Kirillova Yu. A.</b>  |     |
| <i>Financing of pre-school educational institutions</i> .....  | 297 |
| <b>Levinson D. M.</b>  |     |
| <i>Audit of information system of Joint-Stock Company "Chelyabinsk-vostok-service"</i> .....                                       | 303 |
| <b>Lezhneva Ju. A.</b>   |     |
| <i>The problems of the policy of assistance to employment</i> .....  | 321 |
| <b>Prusova K. V.</b>   |     |
| <i>Policy of bringing in of capital of OOO IKB "Sovkombank"</i> .....  | 336 |
| <b>Cherkasova A. V.</b>  |     |
| <i>The methods of intellectual property assessment</i> .....   | 344 |
| <b>Chernyshova I. V.</b>   |     |
| <i>Forming last price for consumtion electricity on example OAO "Yaroslavskaya market company"</i> .....                           | 351 |
| <i>Author index</i> .....  | 360 |
| <i>Author index in Russian</i> .....   | 364 |
| <i>Contents</i> .....  | 368 |
| <i>Contents in Russian</i> .....   | 371 |