

VESTNIK

NOVOSIBIRSK STATE UNIVERSITY

Scientific Journal
Since 1999, November
In Russian

Series: Information Technologies

2014. Volume 12, issue 3

CONTENTS

<i>Akhmadeeva I. R., Zagorulko Yu. A., Sery A. S., Shestakov V. K.</i> Methods of Automatic Analysis of Image for Supporting Development of Web Sites with Dynamic Design	5
<i>Bychkov I. V., Rughnikov G. M., Fedorov R. K., Shumilov A. S.</i> Components of WPS Environment for Geoprocessing	16
<i>Demish V. O., Pishchik B. N.</i> Offline Android Application and Algorithms of Data Synchronization	25
<i>Derevyanko D. V., Palchunov D. E.</i> Formal Methods of Development of the Question-Answering System on Natural Language	34
<i>Zagorulko G. B., Molorodov Yu. I., Fedotov A. M.</i> Systematization of Knowledge on Thermophysical Properties of Substances	48
<i>Kalenov N. E.</i> Modern Information Technologies in the Activity of the Library for Natural Sciences of RAS	57
<i>Korolenko D. B.</i> Model of Information System of Seismometric Monitoring for the Technical Condition Control of Dams of Hydroelectric Power Plants	78
<i>Lomakin S. G., Fedotov A. M.</i> The Analysis of Information Transfer Model in the Network of Cellular Automaton	86
<i>Serebryakov V. A.</i> Research and Development in the Computing Centre of RAS in the Field of Distributed Information Systems	100
<i>Skachkov D. M., Zhizhimov O. L.</i> Metasearch Engine for the Geographical and Retrospective Search in a Document-Oriented Information Systems	124
<i>Yakhyaeva G. E., Yasinskaya O. V., Karmanova A. A.</i> Probabilistic Question-Answering System in the Field of Computer Security	132
Our Contributors	146
Instructions to Contributors	148