

062
Л89



ISSN 0321-0499

№ 901
2018

НАЦІОНАЛЬНОГО УНІВЕРСИТЕТУ
«ЛЬВІВСЬКА ПОЛІТЕХНІКА»

СЕРІЯ:

ІНФОРМАЦІЙНІ СИСТЕМИ ТА МЕРЕЖІ

ISSN 2524-065X



“ ”

“ ”

- . , . . .

1964 .

901

:

(41 26.02.2018 .)

13038-1922 20.07.2007 .)

“ ”:

H. ();
 ()
 “ ”:
 () (Volodymyr Pasichnyk), “ ”
 () (Vasyl Lytvyn), “ ”
 () (Natalya Shakhovska), “ ”
 () (Nataliia Kunanets), “ ”
 (Andriy Berko), “ ”
 (Bihun Oksana), ();
 (Rostyslav Bun), “ ” ();
 (Eugene Burov), “ ”
 (Oles Hodych), “Fielden Management Services Pty. Ltd”,
 ();
 (Yurti Hrytsiuk). “ ”
 (J. Marcus Jobe), (), Farmer School of Business,
 ();
 (Evelin Vatovec Krmac), ();
 (Pavlo Zh zhnych), “ ”
 (Roman Kaminsky), “ ”
 (Miklaj Karpi ski), ();
 (Kordik Pavel), Ph. D. ();
 (Petro Kravets), “ ”
 (I n Levchenko), “ ”
 (Martseniuk Vasyl), “ ” ();
 ();
 (Mykola Medykovskyy), “ ”
 (Novak Ladislav), ();
 ();
 (Pokojoy Michael), ();
 (Ivan Tsmots), “ ”
 (Cekerevac Zoran), ();
 (Vitalii Yakovyna), “ ” ();
 ();

, 5, 79013, E-mail: sisn@lpnu.ua, visnyk.isn@gmail.com
: +380978663025, I : (0322) 258-25-38

CONTENTS

INFORMATION SYSTEMS, NETWORKS AND TECHNOLOGY

<i>Kovalyshyn O.</i> Neuro-fuzzy genetic algorithm of optimization of rehabilitation therapy plans.....	3
<i>Dudykevych V., Mykytyn G., Rebets A.</i> On the problem of complex security system management of cyber-physical systems.....	10
<i>Lytvyn V., Vysotska V., Kuchkovskiy V., Naum O.</i> Content integration and management method of information resources network of the city according to the end-user needs.....	22
<i>Berko A.</i> Big data models for e-commerce systems.....	37
<i>Lytvyn V., Vysotska V., Kuchkovskiy V., Olyvko R.</i> Architecture for the information system of the cryptocurrency content integration and formation on the basis of the exchange activity analysis.....	43
<i>Kravets P.</i> Game model of the system with authoritarian decision making.....	61
<i>Lobur M., Shvarts M., Stekh Yu.</i> Models and methods for forecasting recommendations for collaborative recommender systems.....	68
<i>Andrunyk V., Shestakevych T., Pasichnyk V., Kunanets N.</i> Information technology for students with autism.....	76
<i>Melnyk M., Kernyskyy A., Rubacha Ja., Kamisinski T.</i> Development of the 3D premises model converter from the sketchup into the Catt-Acoustic system.....	89

COMPUTER AND MATHEMATICAL LINGUISTICS

<i>Vasylyuk A., Basyuk T.</i> Intellectual analysis of transformation process of the algebra algorithm formulas.....	97
<i>Veres O., Ryshniak ., Tsyup'yak T.</i> Project of information system for the recognition of mathematical expressions.....	103
<i>Dosyn D.</i> The pertinency of information as the value of knowledge for an intellectual agent.....	111
<i>Tsybal Yu.</i> Symmetric encryption scheme based on neural network.....	118

PROGRAM AND PROJECT MANAGEMENT

<i>Lytvyn V., Rybchak Z., Zavuschak I.</i> Methods and means of development of territorial communities in the direction of repairing roads.....	123
<i>Zavushchak ., Burov Ye.</i> The use of contextual graphs for decision support in recruiting.....	129
<i>Slukhaievska O., Zakhariya L.</i> Intellectual means in the employment syste.....	137