

Curriculum Vitae

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| Name | Oleksiy KOZACHKO |
| Titles | Docent (Associate Professor), Ph.D on Mathematical Modeling, Electronic Engineer |
| Date of birth | 28-March-1980 |
| Nationality | Ukrainian |
| Occupation | Associate Professor, Department of Computer-Aided Ecological and Economic Monitoring and Engineering Graphics, Vinnitsa National Technical University, Ukraine. |
| Research interests | Applications of theory of Fuzzy Logic, Genetic Algorithms, Image Processing, Mathematical modeling and optimization in Quality Control and Reliability of Man-Machine Algorithms. |
| Title PhD thesis | Modeling of Multistage Algorithmic Process Reliability |
| Publications | > 50, 3 books, more 30 articles |
| Main Publications | <ol style="list-style-type: none"> 1. Rotshtein A.P., Shtovba S.D., Kozachko O.M. Modelling and Optimization of Multidimensional Algorithmic Processes Reliability. Vinnitsa: Universum - Vinnitsa., 2007.- 211p. (In Ukrainian). 2. Goryachev G., Kozachko A, Dzyunyak D. Method of stationary sources excess emissions on the basis of fuzzy knowledge bases // Ecological Safety. – 2012.- Vol. 2(14). – P. 59-61. 3. Panoschen Y., Kozachko O. Fuzzy model for estimation of creditworthiness of individuals that are commercial bank borrowers // Journal of Khmelnytsky National University.- 2010. – Vol.1(147). – P. 161-167. 4. Kormanovsky S. I, Kozachko O.M. The method and the geometric model of parameters and orientation angle images determining // Geometric and Computational Modelling. – 2009. –Vol. 24. - P.116-119. 5. Rotshtein A.P., Shtovba S.D., Kozachko O.M. Fuzzy algorithms reliability models take into account various of errors types // Visnyk of Vinnytsia Politechnical Institute.– 2005.– Vol.4. – P. 77-85. |
| Education | <p>2008, Docent for Engineering and Computer Graphics Department, 2008, Summer School “Computational Logic and Cognitive Science”, International Centre for Computational Logic, 2 weeks, Dresden, Germany (organized by Dresden Technical University); 2006, Ph.D. on Mathematical Modeling, Vinnitsa National Technical University, Ukraine; 2002, Master of electrical engineering with honours, Vinnitsa National Technical University, Ukraine. 2002, Complex Systems Summer School, 4 weeks, Budapest, Hungary (organized by Santa Fe Institute and Central European University);</p> |
| Career | Associate Professor (2008), Assistant Professor (2006), PhD-Student (2002). |
| Executed research projects | <p>2006, Models for Efficiency Evaluating of Decision Support System, 2003, Prediction of product quality in glass manufacturing process 2002, Classification of complex real-world banking data</p> |
| Lecture courses | «Engineering and Computer Graphics», «Computer Graphics» |
| Other activities | Since 2007, Vice-chairman of entrance examination, Vinnitsa National Technical University, Ukraine |
| Grants and Honours | <p>Honour of Ukrainian competition scientific research work of students in field of “Technical Cybernetic and Computed Device”, 2001 Stipendiary of Ukrainian President as Excellent Young Researcher, 2002 Grant of Santa Fe Institute and Central European University for Summer School, 2002 Grant of Dresden Technical University for Summer Schools, 2008. Diploma of Vinnytsia Regional State Administration and Regional Council, 2013, 2015</p> |
| Address | <p>Department of Computer-Aided Ecological and Economic Monitoring and Engineering Graphics, Vinnitsa National Technical University, Khmelnitskoe Shosse, 95, Vinnitsa, 21021, Ukraine. Tel.: +380432598663, http://kozachko.vk.vntu.edu.ua/, lekoz80@gmail.com</p> |