

Personal Details

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Current position Head of Computer Systems and Networks Department, Kryvyi Rih National University	
Professional background	
<p>1994-Engineering degree in robotic systems and complexes, East-Ukrainian State University 2001-PhD in Automation, Kryvyi Rih Technical University</p> <p>2006-2007 Associate Professor of Informatics, Automation and Control Systems Department</p> <p>2010- D. Sc.(Automation)</p> <p>2013-Professor</p> <p>2011-2015 Dean of Information Technology Department</p> <p>2007 -Head of Computer Systems and Networks Department</p>	
Research interests	
Artificial intelligence, information and integrated automation of technological processes.	
Scientific activities	
140 articles, and 7 patents. Prepared 2 PhD. Teaching academic courses “Computer systems of artificial intelligence”, “Computer Systems”, “Research work of students” and “Computer Networks and Telecommunications”.	
Main publications	
<ol style="list-style-type: none"> 1. Kupin A. Neural identification of technological process of iron ore beneficiation // Proceedings of 4th IEEE Workshop on Intelligent Data Acquisition and Advanced Computing Systems Technology and Applications (IDAACS’2007).– Dortmund, Germany.–2007.– P.225–227. 2. Kupin A. Identification of technological process of iron ore enriching with using neural nets // Proceedings Of the 3rd International Conference ACSN–2007.–Ukraine, Lviv: Publishing House of Polytechnic National University, 2007.– P.83–84. 3. Kupin A., Kumchenko Y. Usage of training methods to parameterization of multilayer neural computing structures for technological processes // Radio-electronic and Computer systems. - Vol. 5(69).- Kharkiv «KhAI», 2014.- P.100-104. 4. Kupin A. Research of properties of conditionality of task to optimization of processes of concentrating technology is on the basis of application of neural networks // Metallurgical and Mining Industry, 2014, No4, P. 51-55. 5. Kupin A. Application of neurocontrol principles and classification optimization in conditions of sophisticated technological processes of beneficiation complexes // Metallurgical and Mining Industry, 2014, No6, P. 16-24. 6. Kupin A., Senko A. Principles of intellectual control and classification optimization in conditions of technological processes of beneficiation complexes // Proceedings of the 11th International Conference on ICT in Education, Research and Industrial Applications: Integration, Harmonization and Knowledge Transfer (ICTERI-2015), Lviv, Ukraine, May 14-16, 2015, P.153 160. 7. Kupin A., Kumchenko Y. Improved Algorithm for Creating a Template for the Information Technology of Biometric Identification // Metallurgical and Mining Industry, 2015, No4, P. 7-10. 8. Kupin A., Mysko B. The analysis of possibilities of modern neural network simulator software for 	



realization of local intellectual regulators // Computer Science, Information Technology, Automation, 2016, No.2, P. 36-40.

9. Kupin A., Kuznetsov D. Information system for automatic orientation in 2D space of mobile robot // Computer Science, Information Technology, Automation, 2016, No.2, P. 17-19.

Awards

