

Shakhovska Natalia B.

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Shakhovska Natalia B. - PhD, Professor of Information Systems and Networks , Institute of Computer Science and Information Technology , National University "Lviv Polytechnic" , Deputy Director, Dean of Basic Education ICSIT.

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general information

Education

2000 graduated from the National University "Lviv Polytechnic" in the specialty "Intelligent Decision".

2006 - PhD.

Subject of dissertation: Modeling data warehouses uncertainty based on the relational model [Text]: Dis ... Cand. Sc. Sciences: 01.05.02 / Shakhovska Natalia B.; National University "Lviv Polytechnic" . - L., 2006. - 176 pages. - ff. 158-170

2007 - Associate Professor of Information Systems and Networks

2012 - PhD.

PhD thesis: Organization data space of complex information systems [Text]: Dis. ... Dr. Sc. Sciences: 05.13.06 / Shakhovska Natalia B.; Nat. University of "Lviv. Polytechnic " . - L., 2012. - 452 pages. - Ref .: ff. 351-387.

2013 - Professor of Information Systems and Networks

Educational activity

Courses that are taught:

- Technology storage.

Shakhovska Natalia B.



Doctor of Technical Sciences, Professor

Citizenship

Ukraine

alma mater

National University "Lviv Polytechnic" .

expiration date

2000

Specialty

"Intelligent Decision".

space and data storage, intelligent decision support systems, methods of integration and aggregation of data by eliminating uncertainties design of distributed information systems.

Research interests

Degree

Doctor of Engineering

Date of assigning NS

2012

Academic status

professor

Date of assigning VZ

2014

Department of Information Systems and Networks , Institute of Computer Science and Information Technology , National University "Lviv Polytechnic" .

Current jobs

- Company databases.
- Algorithms and Data Structures.
- Design problem-oriented systems.

Research interests

Research interests: space and data storage, intelligent decision support systems, methods of integration and aggregation of data by eliminating uncertainties design of distributed information systems

Selected publications

Algorithms and Data Structures: A Guide / Natalia B. Shakhovska, Roman O. Holoschuk ; According to the Society. Ed. VV Pasichnyk . - Lviv: Magnolia 2006.2011. - 214 p. : Ill. - (Computing). - Ref. : s.200 (20 titles). - The ukr.yaz. - ISBN 978-966-202-595-8 .

Software and algorithmic software repositories and data space [Text]: monograph / NB Shakhovska; Nat. University of "Lviv. Polytechnic ". - L., Izd Lviv. Polytechnic University , 2010. - 194 p. : Fig., Tab. - Ref. : s.189-194. - 300 экз. - ISBN 978-617-607-023-8

Warehouses and spatial data [Text]: monograph / B.Shahovska N., V. Pasechnik ; National University "Lviv Polytechnic". - AL : "Lviv Polytechnic" , 2009. - 244 p. - Ref. : s. 230-240. - ISBN978-966-553-796-0

Data warehouses [Text] teach. guidances. / Vladimir Pasechnik , NA B.Shahovska; Science. Ed. V. Pasichnyk . - LA: Magnolia - 2006, 2008. - 492 p. - (Series "Computing"). - Ref. : s. 483-491. - ISBN 978-966-2052-18-7

Analysis of modern software modeling of viral diseases / O. Wheat, IM black, NB Shakhovska, V. Lytvyn // Information Systems and Networks: [Coll. Science. pr.] / ed. Ed. B. V.Pasichnyk . - Leningrad: Izd Lviv. Polytechnic University , 2010. - P. 154-162. - (Herald / Nat. Univ "Lions. Polytechnic» ; number 673). - Ref. : 14 titles.

Analytical review of software tools in the medical field / NI Melnikova NB Shakhovska // Information Systems tamerezhi [Coll. Science. pr.] / ed. Ed. V. Pasichnyk . - Leningrad: Izd Lviv. Polytechnic University , 2010. - P. 146-153. - (Herald / Nat. Univ "Lviv.politehnika» ; number 673). - Ref. : 19 names.

Intellectual information system diagnosing students' knowledge using web technologies / NB Shakhovska D. M.Kozlovskyy // Information Systems and Networks: [Coll. Science. pr.] / ed. Ed. VV Pasichnyk . - Leningrad: Izd Lviv. Polytechnic University , 2010. - P. 246-254. - (Herald / Nat. Univ "Lions. Polytechnic» ; number 689). -Bibliohr. : 8 titles.

Information system abstracting a plurality of documents submitted in different formats based on ontology / Shakhovska N., V. Lytvyn , V.Krayovskyy // Computer Science and Information Technology [Coll. Science. pr.] / ed. Ed. M. Rashkevych . - Leningrad: Izd Lviv. Polytechnic , 2010. - S. 63-71.- (Journal / Nat. Univ "Lions. Polytechnic» ; number 672). -Bibliohr. : 2 titles.

Abstracting text documents on the basis of weight measure TF-IDF ontology field / V. Lytvyn , NB Shakhovska, V. Ya.Krayovskyy // Information Systems and Networks: [Coll. Science. pr.] / ed. Ed. VV Pasichnyk . - Leningrad: Izd Lviv. Polytechnic University , 2010. - P. 294-302. - Ref.: 10 titles.

The formalization of data space using alhebrayichnoyisystemy / NB Shakhovska // Electronics. Informatyka.Upravlinnya. - 2010. - № 1. - P. 102-109.

Analyses of random process investigation methods and opportunities of their application to viral diseases spreading prospect problem / N. Shakhovska, O. Pshenychnyy // Computer science and information technologies: proc. of the V Intern. sci. and techn. conf. CSIT 2010, 14-16 Oct. 2010, Lviv, Ukraine / Lviv Polytechnic Nat. Univ. - Lviv: Publ. House Vezha and Co, 2010. - P. 72-73. - Bibliogr. : 8 titles.

The methods of automatic summarization / N. Shakhovska, O. Grabovska // Computer science and information technologies: proc. of the V Intern. sci. and techn. conf. CSIT 2010, 14-16 Oct. 2010, Lviv, Ukraine / Lviv Polytechnic Nat. Univ. - Lviv: Publ. House Vezha and Co, 2010. - P. 70-71. - Bibliogr. : 5 titles.

The formal submission of data space as an algebraic system / NB Shakhovska // System Research and Information Technologies: Intern. nauk.-Tech. Zh. / Inst example. systems. analysis [et al.]. - 2009. - №3. - P. 25-33.

Web-community based on dataspace / NB Shakhovska, J. Lipinski, M. Medykowski, Yu. Syerov // International Conference "Intelligent Decision Support Systems and Computational Intelligence Problems» ISDMCI'2009: Coll. Science. pr. 2 vols., May 18-22. 2009, Yevpatoria, Ukraine. -X. ; Kherson, 2009. - T. 2. - C. 9-13.

The integration of heterogeneous sources by analyzing metadata / H. B. Shakhovska, VY Krayovskyy, E. Mohylskyy // Information Systems and Networks: [Coll. Science. pr.] / ed. Ed. V. Pasichnyk. - Leningrad: Izd Lviv. Polytechnic University, 2009. - P. 215-223. - (Herald / Nat. Univ "Lviv.politehnika» ; number 653). - Ref. : 7.

Contacts

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The categories : National University "Lviv Polytechnic"

| Institute of Computer Science and Information Technology

| Department of Information Systems and Networks | Teachers

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