

LISTA DE LUCRĂRI

... **DIACONIȚA V. VLAD** - **Dr./** din 2010, Profesor Universitar/ din 2020
(NUME, inițială și prenume) (anul) (Titlul didactic/echiv.) (anul)

Teza(-ele) de doctorat

T1. Vlad Diaconița, Soluții informatice și economice pentru integrarea piețelor de instrumente financiare, 2010, Coordonator: Prof. Univ. Dr. Ion Lungu

Cărți/cursuri publicate în edituri recunoscute(Ca1, Ca2 etc.), îndrumare publicate(I1, I2 etc.), capitole publicate în volume colective, capitole teoretice redactate, (D1, D2 etc.), după caz, prin care se aduc contribuții a dezvoltarea activităților didactice/profesionale.

- D1 Alexandra Maria Ioana Florea, **Vlad Diaconița**, Iuliana Dorobat, *Business Process Modeling for Sales Processes Automation*, Entrepreneurship, Business and Economics - Vol. 1, Eurasian Studies in Business and Economics, Springer, pp 375-384, ISBN 978-3-319-27569-7, ISBN 978-3-319-27570-3 (eBook), DOI 10.1007/978-3-319-27570-3, 2016, https://link.springer.com/chapter/10.1007/978-3-319-27570-3_29
- Ca1 Ion Lungu (coordonator), Anca Andreescu, Adela Bara, Anda Belciu, Constanta Bodea, Iuliana Botha, **Vlad Diaconița**, Alexandra Florea, Cornelia Gyorodi, *Tratat de baze de date. Vol 2. Sisteme de gestiune a bazelor de date*, Editura ASE, București, 375 pagini, 42 contribuție, 2015, ISBN 978-606-505-472-1 <https://editura.ase.ro/Tratat-de-baze-de-date--vol--2/>
- Ca2 **Vlad Diaconița**, *Solutii informatice si economice pentru integrarea pietelor de instrumente financiare*, Editura ASE, 190 pagini, unic autor, 2014, ISBN: 978-606-505-790-6, <https://editura.ase.ro/Solutii-informatice-si-economice-pentru-integrarea-pietelor-de-instrumente-financiare/>
- Ca3 Ion Lungu (coord.), Adela Bâra, Constanța Bodea, Iuliana Botha, **Vlad Diaconița**, Alexandra Florea, Anda Velicanu, *Tratat de baze de date. Vol I. Baze de date. Organizare, proiectare și implementare*, Editura ASE, București, 540 pagini, 2011, ISBN 978-606-505-472-1 / 978-606-505-481-3 ISBN vol.1, http://opac.biblioteca.ase.ro/opac/bibliographic_view/170345?jsessionid=B2272862910E59087B60BB57D33AFD6A
- Ca4 Adela Bâra, Iuliana Botha, **Vlad Diaconița**, Ion Lungu, Velicanu Anda, *Baze de date. Limbaajul PL/SQL*, Editura ASE, 302 pagini, 101 contribuție, 2009, ISBN 978-973-594-975-4 http://opac.biblioteca.ase.ro/opac/bibliographic_view/165885?jsessionid=047786E116BE377EE665AD678B7169D3
- Ca5 Lungu Ion, Bologa Ana-Ramona, **Vlad Diaconița**, Bâra Adela, Botha Iuliana, *Integrarea sistemelor informatice*, Editura ASE, 302 pagini, 101 pagini contribuție, București 2007, ISBN 978 – 973 – 594 – 690 – 6, http://opac.biblioteca.ase.ro/opac/bibliographic_view/162147?pn=opac%2FSearch&q=Integrarea+sistemelor+informatice#level=all&location=0&ob=asc&q=Integrarea+sistemelor+informatice&sb=relevance&start=0&view=CONTENT

Cărți de specialitate publicate în edituri recunoscute(Cb1, Cb2 etc.), **articole/studii** publicate in extenso în reviste de specialitate de circulație internațională recunoscute (reviste cotate ISI sau indexate în baze de date internaționale specifice domeniului)(Ri1, Ri2etc.), **articole/studii in extenso** publicate în volumele unor manifestări științifice internaționale recunoscute din țară și din străinătate (cu ISSN/ ISBN)(Vi1,Vi2 etc.), precum și **alte lucrări similare**: articole/studii publicate in extenso în reviste de specialitate de circulație națională recunoscute CNCSIS (Rn1, Rn2 etc.), articole/studii publicate in extenso în volumele unor manifestări științifice naționale (cu ISSN/ISBN)(Vn1, Vn2 etc.), lucrări prezentate la diferite seminarii/expoziții, inovații etc.(E1, E2 etc.), după caz, prin care se aduc contribuții la dezvoltarea domeniului.

- Ri1 Simona Viorica Oprea, Adela Bâra, **Vlad Diaconița**, *Sliding Time Window Electricity Consumption Optimization Algorithm for Communities in the Context of Big Data Processing*, IEEE Access, Electronic ISSN: 2169-3536, vol. 7, pp. 13050-13067, 2019, revistă indexată în Clarivate Web of Science (fostă Thomson Reuters – ISI Web of Knowledge) Core Collection - Science Citation Index Expanded, doemniul COMPUTER SCIENCE, INFORMATION SYSTEMS, **WOS:000458177800075**, doi: 10.1109/ACCESS.2019.2892902, <https://ieeexplore.ieee.org/document/8611319>
- Ri2 **Vlad Diaconița**, Ana-Ramona Bologa, Razvan Bologa, *Hadoop Oriented Smart Cities Architecture*, Sensors 18, ISSN: 1424-8220, no. 4, art. 1181, pp 1-20, 2018, **WOS:000435574800253**, revistă indexată în Clarivate Web of Science (fostă Thomson Reuters – ISI Web of Knowledge) Core Collection - Science Citation Index Expanded, <https://doi.org/10.3390/s18041181>
- Ri3 **Vlad Diaconița**, *Processing unstructured documents and social media using Big Data techniques*, Economic Research-Ekonomska Istraživanja, Taylor & Francis, ISSN 1331-677X (Print), 1848-9664 (Online), Vol. 28, No. 1, pp 981-993, 2015, revista indexata in Clarivate (fosta ISI) Web of Science Q2 după IF în ECONOMICS, WOS:000363866700019, Scopus, <http://dx.doi.org/10.1080/1331677X.2015.1095110>, <https://1drv.ms/b/s!AnQGAtNQ2RcRgZJSGTPUd8aTWZwSxw>
- Ri4 Ion Lungu, Adela Bâra, **Vlad Diaconița**, Corina Paraschiv, *Analyzing the Performance of Data Loading and Processing in Relational Databases*, Journal of Economic Computation and Economic Cybernetics Studies And Research, Nr 3, pp 109-121, 2010, ISSN 0424 – 267 X, revista indexata in ISI Web of Science, Scopus, <http://www.ecocyb.ase.ro/cont32010/ABSTRACTS,%203,2010.pdf>
- Ri5 Ion Lungu, Manole Velicanu, Adela Bâra, **Vlad Diaconița**, Iuliana Botha, *Portal Based System Integration – Foundation for Decision Support*, Journal of ECONOMIC COMPUTATION AND ECONOMIC CYBERNETICS STUDIES AND RESEARCH, 1/2009, pag 123-134, ISSN: 0424 – 267X, indexata ISI, SCOPUS, <http://www.ecocyb.ase.ro/revista/Ion%20Lungu.pdf>
- Ri6 Ion Lungu, Manole Velicanu, Adela Bâra, **Vlad Diaconița**, Iuliana Botha, *Practices for designing and improving data extraction in a virtual data warehouses project*, International Journal of Computers, Communications and Control, volumul 3, 2008, pag 369-374, ISSN 1841-9836, indexata ISI, SCOPUS, <https://1drv.ms/b/s!AnQGAtNQ2RcRg576f5-dkWtbZwSLg?e=YD7ZgR>

- Ri7 Alexandra Maria Ioana Florea, **Vlad Diaconița**, Ramona Bologna, *Data integration approaches using ETL*, Database Systems Journal, Vol. VI, Issue 3/2016, ISSN: 2069 – 323, indexare în baze de date internaționale (RePEc, Directory of Open Access Journal , Open J-Gate, Cabell's, Index Copernicus: <http://www.dbjournal.ro/indexing.html>); <http://www.dbjournal.ro/archive/21/21.pdf#page=20>
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- Ri9 Anda Belciu (VELICANU), **Vlad Diaconița**, Ion Lungu, Aura-Mihaela Virgolici (MOCANU), *Development of Spatial Database for Regional Development in Romania*, Informatica Economica Vol. 18 No. 3/2014, ISSN 1453-1305, indexare în baze de date internaționale (DOAJ, Cabells, EBSCO, ProQuest: <http://revistaie.ase.ro/>), <http://dx.doi.org/10.12948/issn14531305/18.3.2014.05>
- Ri10 Anca Ioana Andreescu, Anda Belciu, Alexandra FLOREA, **Vlad Diaconița**, *Measuring Data Quality in Analytical Projects*, Database Systems Journal, Vol. V, Issue 1/2014, ISSN: 2069 – 323, indexare în baze de date internaționale (RePEc, Directory of Open Access Journal , Open J-Gate, Cabell's Directories of Publishing Opportunities, Index Copernicus: <http://www.dbjournal.ro/indexing.html>), http://www.dbjournal.ro/archive/15/15_2.pdf
- Ri11 **Vlad Diaconița**, *Reverse Engineering in Data Integration Software*, Database Systems Journal vol. IV, no. 1/2013, ISSN: 2069 – 323, indexare în baze de date internaționale (RePEc, Directory of Open Access Journal , Open J-Gate, Cabell's Directories of Publishing Opportunities, Index Copernicus: <http://www.dbjournal.ro/indexing.html>), http://www.dbjournal.ro/archive/11/11_2.pdf
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- Ri15 **Vlad Diaconița**, Ion Lungu, Adela Bara, Technical solutions for integrated trading on spot, futures and bonds stock markets, WSEAS Transactions on Information Science and Applications Volume 6, Issue 5, 2009, Pg 798-808, ISSN: 1790-0832, indexare in baze de date internationale (Scopus, ACM) <http://dl.acm.org/citation.cfm?id=1558811>
- Ri16 Adela Bâra, **Vlad Diaconița**, Ion Lungu, Manole Velicanu, *Improving performance in integrated DSS with object oriented modeling*, WSEAS Transactions on Computers, Volume 8, Issue 4, 2009, Pages 599-609, ISSN 1109-2750, indexare in baze de date internationale (Scopus, ACM) <https://dl.acm.org/doi/10.5555/1558756.1558759>
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- Vi2 Ana-Ramona BOLOGA, **Vlad Diaconița**, *Cognitive Computing and Big Data for New Learning Models*, The 17th International Conference on Informatics in Economy (IE 2018), Iasi, Romania 17– 20 May, 2018
- Vi3 **Vlad Diaconița**, Razvan Bologa, Ana Ramona Bologa, *Scaling Databases and ERP Systems In Cloud*, Proceedings of the 16th International Conference on INFORMATICS in ECONOMY (IE 2017), International Conference on Informatics in Economy, IE, 04.05.2017 - 07.05.2017, Bucharest, România, Vol. Proceedings of the 16th International Conference on INFORMATICS in ECONOMY (IE 2017), Nr. 0, 2017, pg. 52 – 5, https://www.researchgate.net/publication/320621917_Scaling_Databases_and_ERP_Systems_In_Cloud
- Vi4 **Vlad Diaconița**, Ana-Ramona Bologa, *Smart Cities and Renewable Energies*, Proceedings of the IE 2016 International Conference, pp 493-498, 522 pag, contribuții egale ale autorilor, 2016, ISSN 2284-7472, <https://1drv.ms/b/s!AnQGAtNQ2RcRsmEOZb-rZwziur16>
- Vi5 Alexandra Maria Ioana Florea, Ana-Ramona Bologa, **Vlad Diaconița**, Razvan Bologa, *Streamlining business processes in academia by building and manipulating a business rules repository*, Proceeding of the 14th International Conference on Informatics in Economy, Bucharest, pp 387-391, contribuții egale ale autorilor, 2015, ISSN: 2247 – 1480, indexata Web of Science, https://www.researchgate.net/publication/297191917_STREAMLINING_BUSINESS_PROCESSES_IN_ACADEMIA_BY_BUILDING_AND_MANIPULATING_A_BUSINESS_RULES_REPOSITORY
- Vi6 Iuliana Dorobat, Alexandra Florea **Vlad Diaconița**, *Applying blended learning in Romanian universities: between desideratum and reality*, Proceedings of the 7th International Conference of Education, Research and Innovation (ICERI), Sevilla, Spania, pp. 1819-1825, 6596 pag, contribuții egale ale autorilor, indexare în ISI Conference Proceedings Citation Index, ISBN 978-84-617-2484-0, ISSN 2340-1095, indexata Web of Science, <http://library.iated.org/view/DOROBAT2014APP>
- Vi7 **Vlad Diaconița**, *Big Data and Machine Learning for Knowledge Management*, 9th International Conference On Business Excellence, 9-10 November 2014, Published in the Proceedings, Economica Printing Press, pp 244-248, 420 pag, 2014, ISBN 978-973-709-738-5, [http://www.edecon.ro/carte/1196/business-excellence-proceedings-of-the-9th-international-conference-on-business-excellence_mihaela-cornelia-dan-adrian-dumitru-tantau_gabriel-bratucu](http://www.edecon.ro/carte/1196/business-excellence-proceedings-of-the-9th-international-conference-on-business-excellence_mihaela-cornelia-dan-adrian-dumitru-tantau-gabriel-bratucu) ; <http://store.edecon.ro/cuprins/1196.pdf>
- Vi8 **Vlad Diaconița**, Anca Andreescu, Ion Lungu, Anda Belciu, *Recent approaches regarding Big Data*, The 13th International Conference on Informatics in Economy, IE 2014, pp 387-392, 740 pag, contribuții egale ale autorilor, ISSN 2284-7472; http://www.bibnat.ro/dyn-doc/publicatii/BN_seriale/Seriale%202013.pdf
- Vi9 Anda Velicanu, Ion Lungu, **Vlad Diaconița**, Codrin Nisioiu, *Cloud E-Learning*, The 9th International Scientific Conference eLearning and software for Education, 25-26 April 2013, “CAROL I” National Defence University Publishing House, pp. 380-385, contribuții egale ale autorilor, ISSN 2066 – 026X, indexata in Web of Science; <https://proceedings.elseconference.eu/index.php?r=site/index&year=2013&index=papers&vol=4>
- Vi10 Anca Andreescu, **Vlad Diaconița**, Alexandra Florea, Anda Velicanu, *Data Quality Assesment in Data Warehouses and Analytic Tools*, The 12th International Conference on Informatics in Economy. Education, Research & Business Technologies, 25-28 April 2013, Bucharest University of Economic Studies Press, pp. 371-376, 680 pag, contribuții egale ale autorilor, ISSN 2284-7472, indexata in ISI Web of Science; <https://1drv.ms/b/s!AnQGAtNQ2RcRg0xUe3IpPaxSdtdA?e=jQtqC>
- Vi11 Alexandra Florea, Anca Andreescu, **Vlad Diaconița**, *The lifecycle of business processes and rules*, Proceedings of the 11th International Conference on Informatics in Economy, Bucharest, 10-11 mai 2012, AES Publishing House, pp 475-480, 548 pag, contribuții egale ale autorilor, 2012, ISSN 2284-7472, ISSN-L 2247-1480, indexata Web of Science, <https://1drv.ms/b/s!AnQGAtNQ2RcRg0paQNXUtuYiirc0A?e=i0qZnA>
- Vi12 Alexandra Florea, Anca Andreescu, **Vlad Diaconița**, Adina Uță, *Using SOA for Achieving Enterprise Interoperability*, The Tenth International Conference on Informatics in Economy, Bucharest, May 5-6, 2011, Editura ASE, contribuții egale ale autorilor, 2011, ISSN 2247-1480; <https://www.ase.ro/upcpr/profesorii/284/agendaIE2011.pdf>
- Vi13 Ion Lungu, Adela Bâra, Iuliana Botha, Anda Velicanu, Alexandra Florea, **Vlad Diaconița**, *Framework for executive information systems' development in cloud computing architecture*, Proceedings of 2010 IEEE International Conference on Information Society, i-Society 2010, pp 579-584, 671 pag, contribuții egale ale autorilor, 2010, ISBN: 978-095642633-8, Indexata in Scopus, IEEEExplore, <https://ieeexplore.ieee.org/document/6018781>
- Vi14 Adela Bara, Simona Oprea, Anda Velicanu, **Vlad Diaconița**, *Decision Support Systems – Solutions for Predicting, Monitoring and Integrating Wind Energy Resources into the National Grid Companies*, Proceedings of the International Conference on Development, Energy, Environment, Economics, pp 55-60, 408 pag, contribuții egale ale autorilor, ISBN 978-960-474-253-0, 2010, Indexata in Scopus, ACM, <http://www.wseas.us/e-library/conferences/2010/Tenerife/DEEE/DEEE-05.pdf>
- Vi15 **Vlad Diaconița**, *Arhitectura integrării în comerțul bursier*, Simpozionul Internațional al Tinerilor Cercetători 2010 (Ediția a VIII-a), Aprilie 2010 – teleconferință organizată de Academia de Studii Economice din Moldova, PUBLICAT ÎN volumul The proceedings of the 8th International Symposium of Young Researchers, Vol. I, pp 445-446, 460 pag, 2010, ISBN: 978-9975-75-415-6, <http://cachescan.bcub.ro/2013-02-27/610942.pdf>
- Vi16 **Vlad Diaconița**, Ion Lungu, Adela Bara, *A practical solution for stock market integration*, 10th WSEAS International Conference on Mathematics and Computers in Business and Economics, Prague Czech Republic, published in MCBE '09: Proceedings Of The 10th International Conference On Mathematics And Computers In Business And Economics, 23-25 March, 2009, pp 82-87, 310 pag, contribuții egale ale autorilor, ISBN 978-960-474-063-5, indexed in ISI Web of Science; <http://www.wseas.us/e-library/conferences/2009/prague/MCBE/MCBE13.pdf>

- Vi17 **Vlad Diaconița**, *Service oriented technologies (in Romanian)*, Simpozionul internațional al tinerilor cercetători, Chișinău, 10-11 april, 2009, Published in the conference proceedings, pp 449-451, ISBN 978-9975-75-472-9; http://catalog.bnrm.md/opac/bibliographic_view/603120;jsessionid=835296033775894C07811B5806AAFA86
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- Vi19 Adela Bâra, Ion Lungu, Manole Velicanu, **Vlad Diaconița**, Iuliana Botha, *Extracting data from virtual data warehouses - a practical approach of how to improve query performance*, published in Proceedings of the 7th International Conference on ARTIFICIAL INTELLIGENCE, KNOWLEDGE ENGINEERING and DATA BASES (AIKED'08) University of Cambridge, Cambridge, UK, February 20-22, 2008, ISBN: 978-960-6766-41-1, pp 514-519, contribuții egale ale autorilor, ISSN: 1790-5109, indexat in ISI Web of Science; https://1drv.ms/b/s!AnOGAtNQ2RcRg0quTrKSa9_hg_FKw?e=Hq0M2U
- Vi20 **Vlad Diaconița**, Ion Lungu, *TCP/IP XML Integration*, published in The Proceedings of the 1st International Conference – Economics and Information Technology-e society Knowledge and Innovation, Bucharest, 26-27 Sep 2008, pp 51-58, contribuții egale ale autorilor, ISBN 978-973-749-491-7, <http://web.rau.ro/websites/e-society/eng/inscrieri.html>
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- Vi23 **Vlad Diaconița**, Iuliana Botha, *The Level of Systems Integration in Romania*, Proceedings of the Eight International Conference on Informatics in Economy, pp 169-174, 950 pag, contribuții egale ale autorilor, 2007, ISBN 978-973-594-921-1, https://www.researchgate.net/publication/228296178_The_Level_of_System_Integration_in_Romania

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Data: 08.03.2021

