**Concurs pentru ocuparea postului poz. 15 de Șef de lucrări**

Departamentul de **Inginerie și Management**

Facultatea de **Design Industrial și Managementul Afacerilor**

Disciplinele: **Programarea calculatoarelor și limbaje de programare ,**

**Baze de date în management,**

Domeniul **Inginerie și Management**

**Post publicat în Monitorul Oficial al României nr. 456 din 03.05.2019**

**LISTA DE LUCRĂRI**

Candidat: **VÎLCU V. ADRIAN - doctor** din 2018**,** **asistent universitar** din 1999

**1º Teza de doctorat**

**T1. “***Cercetări și contribuții privind optimizarea siguranței în funcționare pentru susținerea strategiilor de producție-calitate”***,** Universitatea Tehnică „Gh. Asachi” din Iași, domeniul „Inginerie si Management”, conducator de doctorat: prof. univ. dr. abilitat ing. Ion Vezea, **titlul științific de doctor oferit prin Ordinul Ministrului Educației Naționale nr. 5474 din 14.11.2018.**

**2º Cărţi/ cursuri/ manuale publicate în edituri recunoscute din ţară sau din străinătate (Ca1, Ca2 etc.), îndrumare publicate (I1, I2 etc.), sisteme de laborator funcţionale etc. (D1, D2 etc.) cursuri proprii pe Web, sisteme e-learning etc. (W1, W2 etc.), după caz, precum şi alte lucrări (M1, M2 etc.) prin care se aduc *contribuţii la dezvoltarea activităţilor didactice/ profesionale.***

|  |  |  |
| --- | --- | --- |
| **Ca** | **Carte/ curs/ manual publicată în editură recunoscută CNCS (unic/ prim autor sau co-autor)** | **Total Ca+Cb**  **25.11** |
| **Ca1.** Vîlcu Cătălin, **Vîlcu Adrian**, M. Caraiman, *Dicționar enciclopedic de textile-pielărie,* Ed. Performantica, ISBN 978-973-730-955-6*,* 534 pag., 2012. *(534\*0.05)/3* | 8.9 |
| **Ca2.** Brudaru Octav, Valmar B., Copăceanu Cintia, **Vîlcu Adrian**, *Algoritmi de optimizare pentru problemele de management*, Ed. Tehnopres, 2008, ISBN 978-702-572-5, 233pag. (233\*0.05)/4 | 2.91 |
| **Ca3. Vîlcu Adrian**, Vîlcu Cătălin, *Pascal și C față în față*, Ed. Panfilius, 2002, ISBN 973-85895-4-1, 100 pag. (100\*0.05)/2 | 2.5 |
| **Ca4**. Brudaru Octav, **Vîlcu Adrian**, *Microsoft Access – utilizare si aplicatii in inginerie economică*, Ed. Venus, ISBN 973-8174-83-X, 130 pag., 2002. (130\*0.05)/2 | 3.25 |
| **Ca5.** Brudaru Octav**, Vîlcu Adrian,** Tiritelnicu Raluca**,** *Microsoft Excel –**utilizare și aplicații în inginerie economică,* Ed. Venus, Iași, 2001, 149 pag., 2001. (149\*0.05)/3 | 3.72 |
| **Ca6.** Brudaru Octav, **Vîlcu Adrian,** *Microsoft word: utilizare și aplicații*, Ed. Tehnopres, Iași, ISBN 973-8048-33-8, 126 pag., 2000. (126\*0.05)/2 | 3.15 |
| **Cb** | **Carte de specialitate/ capitol publicat în editură din ţară, recunoscută CNCS** |  |
| **Cb1.** Octav Brudaru, **Vîlcu Adrian**, *Algoritm genetic hibrid pentru o problemă de transport*, cap. III, pag. 55-71, *Managementul schimbărilor tehnologice***,** *vol.5*, editori volumC. Rusu, C. Huțu, Ed. Sedcom Libris-Iași, ISBN 973-8028-80-9, 2001. (17\*0.08)/2 | 0.68 |

**3º Cărţi/ capitole cărţi de specialitate publicate în edituri recunoscute din ţară sau din străinătate (Cb1, Cb2 etc.), articole/ studii publicate în reviste din ţară/ străinătate, cu factor de impact/ indexate în BDI/ neindexate în BDI (R1, R2 etc.), brevete de invenţie (B1, B2 etc.), creaţii artistice prezentate la manifestări recunoscute din ţară/ străinătate (A1, A2 etc.), articole/ studii publicate în volumele manifestărilor ştiinţifice naţionale/ internaţionale indexate BDI/ neindexate BDI (V1, V2 etc.), după caz, precum şi alte lucrări (N1, N2 etc.) prin care se aduc *contribuţii ştiinţifice la dezvoltarea domeniului.***

|  |  |  |
| --- | --- | --- |
| **R** | **Articol publicat în revistă indexata in baze de date internaţionale (BDI)** | **Total R**  **12.25 pct.** |
| R1. Aminur Rahman Khan, **Vîlcu Adrian**, Md. Sharif Uddin and Cristiana Istrate, *The performance evaluation of various techniques for transportation problem*, Buletinul Institutului Politehnic din Iaşi, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, Tomul LIX (LXIII), Fasc. 1, 2016 (indexate Zentralblatt, [Copernicus](http://journals.indexcopernicus.com/karta.php?action=masterlist&id=5429#_blank), indexare CNCSIS: [B+](http://www.cncsis.ro/userfiles/file/CENAPOSS/etapa17.pdf#_blank), [DOAJ](http://www.doaj.org/doaj?func=openurl&genre=journal&issn=12202169#_blank)) (2016)  Link: https://journals.indexcopernicus.com/search/details?id=17680  Link: http://www.ace.tuiasi.ro/index.php?page=678  Link: http://cncsis.gov.ro/userfiles/file/CENAPOSS/Bplus\_2011.pdf (poz.17) | 0.75 |
| R2. Aminur Rahman Khan**, Vîlcu Adrian**, Nahid Sultana and Syed Sabbir Ahmed, *Determination of Initial Basic Feasible Solution of a Transportation Problem: A TOCM-SUM Approach*, Buletinul Institutului Politehnic din Iaşi, AUTOMATIC CONTROL and COMPUTER SCIENCE Section, Tome LXI (LXV) Fasc. 1, 2015 (indexate Zentralblatt, [Copernicus](http://journals.indexcopernicus.com/karta.php?action=masterlist&id=5429#_blank), indexare CNCSIS: [B+](http://www.cncsis.ro/userfiles/file/CENAPOSS/etapa17.pdf#_blank), [DOAJ](http://www.doaj.org/doaj?func=openurl&genre=journal&issn=12202169#_blank)) (2015)  Link: https://journals.indexcopernicus.com/search/details?id=17680  Link: http://www.ace.tuiasi.ro/index.php?page=678  Link: http://cncsis.gov.ro/userfiles/file/CENAPOSS/Bplus\_2011.pdf (poz.17) | 0.75 |
| R3. Aminur Rahman Khan, **Vîlcu Adrian** , Md. Sharif Uddin and Florina Ungureanu, *A competent algorithm to find the inițial basic feasible solution of cost minimization transportation problem*, Buletinul Institutului Politehnic din Iaşi publicat de Universitatea Tehnică „Gheorghe Asachi” din Iaşi Tomul LXI (LXV), fasc. 2, 2015 Sectia Automatică Şi Calculatoare (indexate Zentralblatt, [Copernicus](http://journals.indexcopernicus.com/karta.php?action=masterlist&id=5429#_blank), indexare CNCSIS: [B+](http://www.cncsis.ro/userfiles/file/CENAPOSS/etapa17.pdf#_blank), [DOAJ](http://www.doaj.org/doaj?func=openurl&genre=journal&issn=12202169#_blank)) (2015)  Link: https://journals.indexcopernicus.com/search/details?id=17680  Link: http://www.ace.tuiasi.ro/index.php?page=678  Link: http://cncsis.gov.ro/userfiles/file/CENAPOSS/Bplus\_2011.pdf (poz.17) | 0.75 |
| R4. **Vîlcu Adrian**, Hristian, L., Bordeianu, DL., Vîlcu, Cătălin, *Stress-strain curve analyzsis of woven fabrics made from combed yarns type wool*, Annals of University of Oradea, Fascicle of Textiles – Leatherwork, Vol. XV, nr. 1, pg.115-120, 2014, ISSN 1843 – 813X, (EBSCO, Copernicus, indexare CNCSIS: B, DOAJ) (2014)  Link: https://www.doaj.org/article/3aa396ce45ec41fe9dc68467bfbc83e9 | 0.75 |
| R5. **Vîlcu Adrian***,* Double *hybridized embryonic genetic algorithm for optimal delivery routing*, Scientific Studies and Research. Series Mathematics and Informatics, Bacau, Vol. 23 (2013), No. 1, 213 – 224, Code [ID]: SSRSMI201323V23S01A0024 [0003841] (indexate AMS Digital Mathematics Registry, Index Copernicus, EBSCO, Ulrich’s Global Serials Directory, Zentralblatt MATH, MathSciNet (Mathematical Reviews, ProQuest) (2013)  Link: http://pubs.ub.ro/?pg=revues&rev=ssrsmi | 3 |
| R6. **Vîlcu Adrian**, *A Hybrid Genetic Algorithm for A Combinational Circuits Partitioning Problem*, Buletinul Institutului Politehnic din Iaşi, Automatic Control and Computer Science Section, Volumul 3, Tome LVIII (LXII) fasc.3, pagini 43-51 (indexate Zentralblatt, Copernicus, indexare CNCSIS: [B+](http://www.cncsis.ro/userfiles/file/CENAPOSS/etapa17.pdf#_blank), DOAJ) (2012)  Link: https://journals.indexcopernicus.com/search/details?id=17680  Link: http://www.ace.tuiasi.ro/index.php?page=678  Link: http://cncsis.gov.ro/userfiles/file/CENAPOSS/Bplus\_2011.pdf (poz.17) | 3 |
| R7. **Vîlcu Adrian**, Hristian Liliana, Bordeianu Demetra Lăcrămioara, *Variance analysis of wool woven fabrics tensile strength using ancova model*, Annals Of The University Of Oradea, Fascicle Of Textiles, Leatherwork, nr.2, vol.15, 2014, pag. 123-128, ISSN 1843-813X (EBSCO, Copernicus, indexare CNCSIS: B) (2014)  Link : https://www.doaj.org/article/5acd9b9377884ed39fc25ba200174099 | 1 |
| R8. Bordeianu Demetra Lăcrămioara, Hristian Liliana, **Vîlcu Adrian**, *Heat treatments influence on the breaking torsion of wool type fibers*, Annals of University of Oradea, Fascicle of Textiles – Leatherwork, Vol. XV, nr. 1, pg.15-22, 2014, ISSN 1843 – 813X, (EBSCO, Copernicus, indexare CNCSIS: B) (2014)  Link: https://www.doaj.org/article/65de686085d94226974bb6880ca440ca | 1 |
| R9. Bordeianu Demetra Lăcrămioara, Hristian Liliana, Lupu Iuliana Gabriela, **Vilcu Adrian** (2014)**,** *Bending behavior of rayon and wool type polyester fibers thermal treated*, Annals Of The University Of Oradea, Fascicle Of Textiles, Leatherwork, nr.1, vol.15, 2014, pag. 15-18, ISSN 1843-813X (EBSCO, Copernicus, indexare CNCSIS: B, DOAJ) (2014)  Link : https://www.doaj.org/article/9059ec4dc77547d4a631efe48a1eb095 | 0.75 |
| **Articol publicat în revistă ne indexata in baze de date internaţionale (BDI)** |  |
| R10. Vîlcu Cătălin, **Vîlcu Adrian** (2009), *Optimization of the properties of polypropylene fibres through plasma treatments*, Buletinul Institutului Politehnic din Iaşi, Tomul LV (LIX), Fasc. 1 Secţia TEXTILE. PIELĂRIE, pg.9-16 (2009) | 0.5 |
|  | |  |
|  | **Articol/studiu publicat în volumul unei manifestări ştiinţifice indexate in baze de date internaţionale (BDI)** | **Total V**  **24.44 pct.** |
| **V** | V1. [Cojan Mihaela](https://proceedings.elseconference.eu/index.php?r=site/index&year=2019&index=authors&letter=C&author=5567), [Verzea Ion](https://proceedings.elseconference.eu/index.php?r=site/index&year=2019&index=authors&letter=V&author=5589), [**Vîlcu Adrian**](https://proceedings.elseconference.eu/index.php?r=site/index&year=2019&index=authors&letter=V&author=5656), *A new systemic approach to determine the weight of professional competence types in employability explanation*, New technology and redesigning learning spaces, Proceedings of the 15th International Scientific Conference "eLearning and Software for Education" Bucharest, April 11 - 12, 2019, **ISI WoS**, WOS: 000473324500053, DOI: 10.12753/2066-026X-19-191 (2019)  Link:https://apps.webofknowledge.com/full\_record.do?product=WOS&search\_mode= AuthorFinder&qid=19&SID=D6zbf8bMy2Wi6vi4lcE&page=1&doc=1 | 1.33 |
| V2. [**Vîlcu Adrian**](https://proceedings.elseconference.eu/index.php?r=site/index&year=2019&index=authors&letter=V&author=5656), [Cojan Mihaela](https://proceedings.elseconference.eu/index.php?r=site/index&year=2019&index=authors&letter=C&author=5567), [Verzea Ion](https://proceedings.elseconference.eu/index.php?r=site/index&year=2019&index=authors&letter=V&author=5589), *Hierarchic principal component analysis method for the organization of components weights in employment process, from employer prospective*, New technology and redesigning learning spaces, Proceedings of the 15th International Scientific Conference "eLearning and Software for Education" Bucharest, April 11 - 12, 2019, **ISI WoS**, WOS: 000473324500061, DOI: 12753/2066-026X-19-199 (2019)  Link:https://apps.webofknowledge.com/full\_record.do?product=WOS&search\_mode=AuthorFinder&qid=27&SID=D6zbf8bMy2Wi6vi4lcE&page=1&doc=2 | 1.33 |
| V3. Adrian Vîlcu, Ion Verzea, Marius Pislaru & Ionut-Viorel Herghiligiu, *Fuzzy modeling of dependability optimization for supporting the production-quality strategies - case study in technical field*, ModTech International Conference Modern Technologies in Industrial Engineering, June 19-22, 2019, Iasi, Romania, IOP Conf. Series: Materials Science and Engineering 591 (2019) 012072 IOP Publishing DOI:10.1088/1757-899X/591/1/012072, (indexată IOPScience) (2019)Link: <https://iopscience.iop.org/article/10.1088/1757-899X/591/1/012072/pdf> | 1 |
| V4. **Vîlcu Adrian**, Ion Verzea, Ionut Viorel Herghiligiu, *New Method to Optimize the Production Functions in the System of Safety in Operation Management*, Procedia - Social and Behavioral Sciences Volume 238, pages: 424–431, Peer-review under responsibility of SIM 2017 / 14th International Symposium in Management, DOI: 10.1016/j.sbspro.2018.04.020, ISSN print: 1877-0428 (indexată în ScienceDirect) (2018)  Link: https://www.sciencedirect.com/science/article/pii/S1877042818300508 | 1.33 |
| V5. **Vîlcu Adrian,** Ion Verzea, Marius Pislaru, Ionut Herghiligiu (2018), *New modeling techniques for dependability. Case study for a mechanical process*, ModTech 2018 International Conference, Constanța, DOI: 10.1088/1757-899X/400/2/022060, ISSN print: 1757-8981, **ISI WoS** (2018)  Link :http://apps.webofknowledge.com.am.e-nformation.ro/full\_record.do?product =WOS&search\_mode=GeneralSearch&qid=1&SID=C6sejeXQ4jRGN1KuyNA&page=1&doc=6 | 1 |
| V6. **Vîlcu Adrian**, Pislaru Marius, Verzea Ion*, Mathematical and neural approaches in dependability engineering: study case for a technical system*, The 14th eLearning and Software for Education Conference - eLSE 2018**,**  Bucharest, April 19th–20th 2018, pages:222-229, **ISI WoS**, WOS:000467471000033, DOI:10.12753/2066-026X-18-175, ISSN:2066-026X (2018)  Link:https://apps.webofknowledge.com/full\_record.do?product=WOS&search\_mode=AuthorFinder&qid=47&SID=D6zbf8bMy2Wi6vi4lcE&page=1&doc=5 | 1.33 |
| V7. Herghiligiu Ionut Viorel, Pislaru Marius, **Vîlcu Adrian**, *E-learning structural framework on organizational environmental practices*, The 14th eLearning and Software for Education Conference - eLSE 2018,  Bucharest, April 19th – 20th 2018, pages: 162-167, **ISI WoS,** WOS:000467471000023, DOI: 10.12753/2066-026X-18-165, ISSN print: 2066-026X (2018)  Link:https://apps.webofknowledge.com/full\_record.do?product=WOS&search\_mode=AuthorFinder&qid=31&SID=D6zbf8bMy2Wi6vi4lcE&page=1&doc=3 | 1.33 |
| V8. **Vîlcu Adrian,** Verzea Ion, Herghiligiu Ionut Viorel, Pislaru Marius, *Statistic correlation algorithm for reliability in operation: case study for a textile process,* The 14th eLearning and Software for Education Conference - eLSE 2018**,**  Bucharest, April 19th- 20th  2018, pages: 214-221, **ISI WoS**, WOS:000467471000032, DOI:10.12753/2066-026X-18-174, ISSN print: 2066-026X (2018)  Link:https://apps.webofknowledge.com/full\_record.do?product=WOS&search\_mode=AuthorFinder&qid=35&SID=D6zbf8bMy2Wi6vi4lcE&page=1&doc=4 | 1 |
| V9. Mihaela Diaconu, **Vîlcu Adrian**, *Business Înnovation Activity in Romania: The Main Trends and Weaknesses*, Procedia - Social and Behavioral Sciences, Volume 238, 2018, Pages 157–166, Peer-review under responsibility of SIM 2017 / 14th International Symposium in Management, DOI: 10.1016/j.sbspro.2018.03.019, ISSN print: 1877-0428 (indexată în ScienceDirect) (2018)  Link: https://www.sciencedirect.com/science/article/pii/S1877042818300193 | 2 |
| V10. Ionuţ Viorel Herghiligiu, Alexandru Pohonţu, Marius Pislaru, **Vîlcu Adrian**, *Influencing Factors and Outcomes of the Learning by Sharing Process*, Procedia - Social and Behavioral Sciences, Volume 238, 2018, Pages 63–72, Peer-review under responsibility of SIM 2017 / 14th International Symposium în Management, DOI: 10.1016/j.sbspro.2018.03.008, ISSN print: 1877-0428 (indexată în ScienceDirect) (2018)  Link: https://www.sciencedirect.com/science/article/pii/S1877042818300089 | 1 |
| V11. Cojan Mihaela**, Vîlcu Adrian**, Verzea Ion, *An introductory guide to self-presentation for professional purposes in a video format,* The 13th International Scientific Conference eLearning and Software for Education, Bucharest, April 27-28, 2017, Vol 1, DOI: 10.12753/2066-026X-17-053, ISSN print: 2066-026X (indexată în CEEOL, EBSCO, ProQuest) (2017)  Link: https://www.elseconference.eu/pages/view?page=indexed\_by | 1.33 |
| V12. **Vîlcu Adrian**, Cojan Mihaela, Verzea Ion, *Educational software for the optimization of safety in operation in the textile processes,* The 13th International Scientific Conference eLearning and Software for Education, Bucharest, April 27-28, 2017, DOI: 10.12753/2066-026X-17-243, ISSN print: 2066-026X (indexată în CEEOL, EBSCO, ProQuest) (2017)  Link: https://www.elseconference.eu/pages/view?page=indexed\_by | 1.33 |
| V13. **Vîlcu Adrian**, Verzea Ion, Vîlcu Catalin, *Software application for the analysis of the reliability of a textile equipment*, The 13th International Scientific Conference eLearning and Software for Education Bucharest, April 27-28 2017, Vol.3, DOI: 10.12753/2066-026X-17-244 ISSN print: 2066-026X, (indexată în CEEOL, EBSCO, ProQuest) (2017)  Link: https://www.elseconference.eu/pages/view?page=indexed\_by | 1.33 |
| V14. **Vîlcu Adrian**, Ion Verzea, Rachid Chaib, *Dependability breakeven point mathematical model for production - quality strategy support*, ModTech 2016 International Conference, Iasi, Jun 15-18, 2016, **ISI WoS**, WOS:000396437600001, DOI:10.1088/1757-899X/145/2/022001, ISSN: 1757-8981 (2016)  Link :<https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=AuthorFinder&qid=51&SID=D6zbf8bMy2Wi6vi4lcE&page=1&doc=6> | 1.33 |
| V15. Aminur Rahman Khan, **Vîlcu Adrian**, Md. Sharif Uddin and Cristiana Istrate, *An Efficient Procedure to Determine the Initial Basic Feasible Solution of Time Minimization Transportation Problem*, Exploring Services Science 7th International Conference, IESS 2016, Bucharest, Romania, May 25-27, 2016, pages: 201-212, **ISI WoS**, WOS : 000386914200015, DOI: 10.1007/978-3-319-32689-4\_15, ISSN:1865-1348, ISBN: 978-3-319-32689-4 (2016)  Link :<https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=AuthorFinder&qid=55&SID=D6zbf8bMy2Wi6vi4lcE&page=1&doc=7> | 1 |
| V16. Octav Brudaru, **Vîlcu Adrian**, Diana Popovici, *Cellular Genetic Algorithm with Communicating Grids for a Delivery Problem*, Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), 13th International Symposium, Timișoara, Sept. 26-29, 2011, pag.215-221, **ISI WoS**, WOS:000393311800033, ISBN:978-0-7695-4630-8, ISSN: 2470-8801 (2011)  Link :<https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=AuthorFinder&qid=59&SID=D6zbf8bMy2Wi6vi4lcE&page=1&doc=8> | 1.33 |
| **Articol/studiu publicat în volumul unei manifestări ştiinţifice neindexate în baze de date** |  |
| V17. Marius Pîslaru, Ramona-Diana Leon, **Vîlcu Adrian***, Using a fuzzy expert system for service quality improvement. the case of a car wash station,* STRATEGICA,  International Academic Conference -Sixth Edition-Bucharest, Romania, October 11-12, 2018, Challenging the Status Quo in Management and Economics, pag. 490-500,ISBN 978-606-749-365-8 ISSN 2392–702X (în curs de indexare) (2018) | 0.33 |
| V18. Mihaela Cojan, Ion Verzea, **Adrian Vîlcu**, *The soft skills of entry level engineers from industrial engineering field. A systematic literature review,* 17th Romanian Textiles and Leather Conference–CORTEP, Iasi, 7-9.09 (2018) | 0.33 |
| V19. **Vîlcu Adrian**, Ion Verzea, Catalin Vilcu, *Heuristic algorithm for optimization of manufacturing process by balancing a production line from a textile company*,16th Romanian Textiles and Leather Conference, CORTEP, Iasi,27-29.10 (2016) | 0.33 |
| V20. Ion Verzea, Gabriel-Petru Luca, Rachid Chaib, **Vîlcu Adrian**, *Conventional work units breakeven point assessment in the garment Industrie*,16th Romanian Textiles and Leather Conference–CORTEP, Iasi, 27-29.10.2016 (2016) | 0.25 |
| V21. Lilliana Hristian, Catalin Vilcu, Iuliana G. Lupu, Demetra l.Bordeianu and **Vîlcu Adrian**, *Tensile propreties analysis of plasma treated pp fibers*, 15th Romanian Textiles and Leather Conference – CORTEP 2014 4 - 6 September 2014, Poiana Braşov, Romania (2014) | 0.2 |
| V22. Catalin Vîlcu, Liliana Hristian, Demetra l. Bordeianu, Iuliana G. Lupu and **Vîlcu Adrian**, *Computer method for evaluating of cross-section filaments in pp yarns used for carpets*, 15th Romanian Textiles and Leather Conference – CORTEP 2014 4 - 6 September 2014, Poiana Braşov, Romania (2014) | 0.2 |
| V23. Vîlcu C., **Vîlcu Adrian**, *Optimizarea tratamentelor în medii de plasmă CORONA a fibrelor de polipropilenă,* “Textilele viitorului” – Simpozionul Anual al Specialiştilor din industria de Tricotaje - Confecţii, Iaşi, pg.59-66, 13-15 noiembrie (2008) | 0.5 |
| V24. **Vîlcu Adrian**, Brudaru Octav, *Algoritm genetic hibridizat bazat pe ordine pentru o problemă de partiționare a grafurilor aciclice,* Textilele viitorului” – Simpozionul Anual al Specialiştilor din industria de Tricotaje - Confecţii, Iaşi, 13-15 noiembrie 2008 (2008) | 0.5 |
| V25. Hanganu L, **Vîlcu Adrian**, *Mechatronics elements and the textile-apparel complex,* International Science and Engineering Conference “Machine Building and Technosphere of the XXI Century”, sept 9-14 2002, Sevastopol, Ucraina, tom 3, sect. IX, pag. 216-220 (2002) | 0.5 |
| V26. Brudaru, O., **Vîlcu, Adrian**, *Genetic Algorithm with Accelerating Hybrid Components for Affine Cost Hamiltonian Circuits*, ICPR-16, 16th International Conference on Production Research, 30 July-3 August, Prague (2001) | 0.5 |
| V27. Brudaru O., **Vîlcu Adrian,** *Genetic Algorithm for transportation problem with fuzzy demand,* 6Th UK Wokshop on fuzzy Systems, Brunel University, Uxbridge, Sept.8-9,pag. 109-114 (1999) | 0.5 |

**4. Proiecte de cercetare-dezvoltare (P1, P2 etc.) pe bază de contract/ grant, precum şi alte lucrări de cercetare-dezvoltare (F1, F2 etc.), după caz, prin care se *aduc contribuţii la dezvoltarea mediului educaţional/ cultural/ economic/ social etc.***

|  |  |  |
| --- | --- | --- |
| **P** | **Colaborator în Proiecte/ Contracte/ Granturi de cercetare-dezvoltare** | **Total P**  **0 pct.** |
| P1. POSDRU/125/5.1/S/134003/ „Inserție activă pe piața muncii prin FORmare profesională inovativă în domeniul INGineriei – FORMING” (2014-2015)  Document justificativ: ReviSal, poziția 3 din tabelul „Contracte individuale de muncă salariat” | 0 |
| P2. Proiect PN II Inovare 282/2008, *Sisteme mecatronice alimentate din surse neconvenționale de energie pentru controlul activ al tehnologiilor textile, echipamantelor și componentelor specifice ale acestora,* director de proiect: prof. Lucian Hanganu (2009-2010)  Document justificativ: adeverință “Direcția Management și Monitorizare Proiecte” | 0 |
| P3. Proiect PN II Parteneriate 42-123/2008, *Parteneriat național în domeniul sănătății orale privind prevenția consumului de tutun și abandonul fumatului. Premise ale integrării cercetătorilor din România în spațiul european de operare,* director de proiect: prof. Ungureanu Gheorghe (2009)  Document justificativ: adeverință “Direcția Management și Monitorizare Proiecte” | 0 |
| P4. Proiect CEEX nr. 74 CEEX-II03/ 07.2006 *Grid academic pentru aplicatii complexe (GRAI)*, Facultatea de Automatica si Calculatoare, U. T. Iasi (2006-2008), director de proiect: prof. Craus Mitică (2006-2008)  Document justificativ: adeverință “Direcția Management și Monitorizare Proiecte” | 0 |
| P5. Proiect CEEX nr. 76-5/2006, *Metode computationale de inalta performanta in modelarea si proiectarea materialelor nanomagnetice*, Institutul National de Cercetare Dezvoltare pentru Fizica Tehnica – IFT, director de proiect: prof. Agop Maricel (2006-2008)  Document justificativ: adeverință “Direcția Management și Monitorizare Proiecte” | 0 |
| P6. Proiect CEEX 205/2006, *Sisteme mecatronice mobile inteligente cu impact ecologic pentru echipamente textile,* director de proiect: prof. Lucian Hanganu (2006-2008)  Document justificativ: adeverință “Direcția Management și Monitorizare Proiecte” | 0 |
| P7. Proiect CERES nr. 29 din 12.11.2002, *Cercetări multidisciplinare în domeniul tehnologiilor informaționale bazate pe algoritmi genetici, rețele neuronale și sisteme fuzzy pentru inginerie și management*, director de proiect: prof. Octav Brudaru (2002-2004)  Document justificativ: adeverință “Direcția Management și Monitorizare Proiecte” | 0 |
| P8. Proiect Leonardo da Vinci, *Interactive courses,*  REINDISTEL no. E/01/B/F/PP/ \_115496 /1999/382/EC/ 26.04.1999, OJ – L 146 11106/1999, director de proiect: prof. Budei Luminița (1999-2002)  Document justificativ: adeverință “Direcția Management și Monitorizare Proiecte” | 0 |
|  |  |
| **E** | **Lucrare comunicată/ prezentată la seminar/ conferință/ workshop/ expoziţie** | **Total E**  **7 pct.** |
| E1. **Adrian Vîlcu**, Ion Verzea, Marius Pislaru & Ionut-Viorel Herghiligiu, Fuzzy modeling of dependability optimization for supporting the production-quality strategies - case study in technical field, ModTech International Conference Modern Technologies in Industrial Engineering, June 19-22, 2019, Iasi, Romania (2019) | 1 |
| E2. **Vîlcu Adrian**, Pislaru Marius, Verzea Ion*, Mathematical and neural approaches in dependability engineering: study case for a technical system*, The 14th eLearning and Software for Education Conference - eLSE 2018**,**  Bucharest, April 19th –20th (2018) | 1 |
| E3. **Vîlcu Adrian,** Verzea Ion, Herghiligiu Ionut Viorel, Pislaru Marius, *Statistic correlation algorithm for reliability in operation: case study for a textile process,* The 14th eLearning and Software for Education Conference - eLSE 2018**,**  Bucharest, April 19th – 20th (2018) | 1 |
| E4. **Vîlcu Adrian**, Cojan Mihaela, Verzea Ion, *Educational software for the optimization of safety in operation in the textile processes,* The 13th International Scientific Conference eLearning and Software for Education, Bucharest, April 27-28 (2017) | 1 |
| E5. **Vîlcu Adrian**, Verzea Ion, Vîlcu Catalin, *Software application for the analysis of the reliability of a textile equipment*, The 13th International Scientific Conference eLearning and Software for Education Bucharest, April 27-28 2017, Vol.3 (2017) | 1 |
| E6. **Vîlcu Adrian**, Ion Verzea, Catalin Vilcu, *Heuristic algorithm for optimization of manufacturing process by balancing a production line from a textile company*,16th Romanian Textiles and Leather Conference, CORTEP, Iasi,27-29.10.2016 (2016) | 1 |
| E7. **Vîlcu Adrian**, Ion Verzea, Rachid Chaib, *Dependability breakeven point mathematical model for production - quality strategy support*, ModTech 2016 International Conference, Iasi, Jun 15-18 (2016) | 1 |
|  | | |
| **PUNCTAJ TOTAL** | | **68.80 pct.** |

**Data:16.08.2019 Candidat Vîlcu Adrian**

………………….