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Gradul didactic: Ș.l. dr. ing.  
Instituția unde este titular: Universitatea „Lucian Blaga” din Sibiu  
Facultatea: de Inginerie  
Departamentul: Inginerie Industrială și Management

## L I S T A

### lucrărilor științifice în domeniul disciplinelor din postul didactic

#### A. Teza de doctorat

##### Specializarea masterat – titlul disertației (dacă este cazul)

1. **Doctorat:** *Contribuții privind cercetarea, dezvoltarea și proiectarea avansată a produselor și proceselor*, Teză de doctorat, Domeniul Inginerie Industrială, Universitatea Lucian Blaga din Sibiu
2. **Master:** Managementul Calității: *Implementarea Sistemului de Management Integrat Calitate-Mediu-S.S.O. la organizația S.C. Deko-Rame S.R.L. / Managementul Securității, Sănătății și Relațiilor de Muncă: Influența Sistemului de Management al Securității și Sănătății în Muncă asupra Managementului Resurselor Umane la organizația S.C. Deko-Rame S.R.L. din Miercurea Sibiului*

#### B. Cărți și capitole în cărți publicate în ultimii 10 ani

1. **Zerbes, M. V.**, *Dezvoltarea unui model sustenabil de planificare și proiectare a proceselor și produselor pentru producția de serii mici și produse unicat*, Editura Universității Lucian Blaga din Sibiu, 2015, ISBN 978-606-12-1056-5
2. **Zerbes, M. V.**, *Modelarea proceselor de planificare și proiectare*, Editura Universității Lucian Blaga din Sibiu, 2015, 978-606-12-0999-6
3. Lobonț L., **Zerbes, M. V.**, *Metode, tehnici și instrumente pentru îmbunătățirea calității. Lucrări practice*, Editura Universității Lucian Blaga din Sibiu, 2014, 978-606-12-0871-5
4. **Zerbes, M. V.**, *Planificarea și proiectarea avansată a proceselor și produselor în industria auto*, Editura Techno Media din Sibiu, 2017, ISBN 978-606-616-288-3
5. **Zerbes, M. V.**, *Îmbunătățirea proceselor organizaționale. Modelul DMAIC*, Editura Techno Media din Sibiu, 2019, ISBN 978-606-616-371-2

#### C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

1. **M. V. Zerbes**, L. G. Popescu, M. Olteanu, *Continuous improvement of the quality management system within an automotion company in Romania*, CoSME'20 - Proceedings published in IOP Conference Series: Materials Science and Engineering, ISSN 1009012061, 2020, pp. 1-12, DOI articol 10.1088/1757-899X/1009/1/012061, <https://iopscience.iop.org/issue/1757-899X/1009/1>, <http://www.cosme.ro/en/index.html>
2. **Zerbes M.V.**, Neamu V.S., Szombatfalvi-Torok F., *Absenteismul, problemă sau resursă?*, Colecția zilele Rainer - Antropologia și management, ISBN 978-973-27-3181-9, pp. 498-514, 2020
3. Neamu V.S., **Zerbes M.V.**, Szombatfalvi-Torok F., *Omul muncii în mileniul III – Comportamentul contraproductiv*, Colecția zilele Rainer - Antropologia mileniului III, ISBN 978-973-27-3200-7, ISSN 2392-909X, pp. 165 - 178, 2020

4. **Zerbes, M.V.**; Cioca, L I., *The modelling of the improving environmental aspects process and of the associated impacts in industrial organizations*, QUALITY-ACCESS TO SUCCESS, vol. 18, nr. 1, ISSN: 1582-2559, [http://www.srac.ro/calitatea/arhiva/supliment/2017/Q-asContents\\_Vol.18\\_S1\\_Jan-2017.pdf](http://www.srac.ro/calitatea/arhiva/supliment/2017/Q-asContents_Vol.18_S1_Jan-2017.pdf), WOS:00041740500003, pp. 196-201;
5. Giurea, R., Ragazzi, M., Achim, M. I., & Zerbes, M.-V. (2017). *Is agro-tourism eco-friendly?* MATEC Web of Conferences, 121, 10003. doi:10.1051/mateconf/201712110003, eISSN: 2261-236X, <https://www.matec-conferences.org/articles/mateconf/abs/2017/35/contents/contents.html>;
6. **Zerbes, M. V.**, & Popescu, L. G., (2018). *Study on improving silicone losses in the process of mixing components of soldering machines*. MATEC Web of Conferences, 184, 04021. doi:10.1051/mateconf/201818404021, MATEC eISSN: 2261-236X, ISSN2457-8347, Annual Session of Scientific Papers IMT ORADEA 2018, MATEC Web Conf., Volume 184, 2018, [https://www.matec-conferences.org/articles/mateconf/abs/2018/43/mateconf\\_oradea2018\\_04021/mateconf\\_oradea2018\\_04021.html](https://www.matec-conferences.org/articles/mateconf/abs/2018/43/mateconf_oradea2018_04021/mateconf_oradea2018_04021.html), pp. 151-156;
7. Popescu L.G., **Zerbes M.V.**, *Measuring the performance of the manufacturing planning process. A conceptual model*, ModTech International Conference Modern Technologies in Industrial Engineering, June 13-16, Constanta, Romania, ISSN 2286-4369, [modtech.ro/conference/docs/Program-ModTech2018.pdf](http://modtech.ro/conference/docs/Program-ModTech2018.pdf);
8. Popescu L.G., **Zerbes M.V.**, *A simulation analysis of a logistics supply system of an automotive enterprise*, ModTech International Conference Modern Technologies in Industrial Engineering, June 13-16, Constanta, Romania, ISSN 2286-4369, [modtech.ro/conference/docs/Program-ModTech2018.pdf](http://modtech.ro/conference/docs/Program-ModTech2018.pdf);
9. **Zerbes M.V.**, Cioca L.I., Neamu V.S., *Developing a model of occupational health program*, Annals of the University of Petroșani, Mining Engineering, 19 (2018), ISSN 1454-9174, [https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2019-2018%20\(XLVI\).pdf](https://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2019-2018%20(XLVI).pdf);
10. **Zerbes M.V.**, Cioca L.I., Neamu V.S., *Occupational health programs and workplace absenteeism*, Quality - Access to Success, ISSN 1582-2559, [https://www.srac.ro/calitatea/en/arhiva/supliment/2019/Q-asContents\\_Vol.20\\_S1\\_January-2019.pdf](https://www.srac.ro/calitatea/en/arhiva/supliment/2019/Q-asContents_Vol.20_S1_January-2019.pdf), <https://www.scopus.com/authid/detail.uri?authorId=55670980600>, pp. 129-134;
11. Popescu L.G., **Zerbes M.V.**, *Model of adapting the DMAIC methodology for improving the quality of preschool education in Romania*, Proceedings of EDULEARN 2016 8th International Conference on Education and New Learning Technologies, 4-6 July 2016, Barcelona, Spain, ISBN: 978-84-608-8860-4, ISSN: 2340-1117, pp. 4654-466
12. **Zerbes M.V.**, *Quality improvement of processes within medical analysis laboratory of the Medical Center dr. Begher from Arad*, Academic Journal of Manufacturing Engineering, 2016
13. **Zerbes M.V.**, Neamu V.S., *Quality engineering and complementary therapies*, Annals of the "Constantin Brâncuși" University of Târgu Jiu, ISSN 1842-4856, 2016, pp. 223-229
14. **Zerbes M.V.**, Cioca L.I., *The modelling of the improving environmental aspects process and of the associated impacts in industrial organizations*, 7th International Multidisciplinary Symposium, Petroșani, 2016
15. **Zerbes M.V.**, Popescu L.G., Moraru G.M., *Modelling Of The Improving Process Of Education Quality In Preschools From Romania*, International Scientific Conferences on

16. **Zerbes M.V.**, Popescu L.G., Moraru G.M., *Study on the nutritional counseling - as personalized unique product*, International Scientific Conferences on Social Sciences & Arts SGEM 24 August- 2 September 2015, Albena, Bulgaria, ISBN 978-619-7105-45-2 / ISSN 2367-5659, pp. 923 - 930
17. Moraru G. M., Popescu L.G., **Zerbes M.V.**, *Benchmarking As Opportunity For Management And Education*, International Scientific Conferences on Social Sciences & Arts SGEM 24 August- 2 September 2015, Albena, Bulgaria, ISBN 978-619-7105-45-2 / ISSN 2367-5659, pp. 89 - 96
18. Moraru G. M., Popescu L.G., **Zerbes M.V.**, *Case Study Regarding The Absenteeism Of The Students*, International Scientific Conferences on Social Sciences & Arts SGEM 24 August- 2 September 2015, Albena, Bulgaria, ISBN 978-619-7105-45-2 / ISSN 2367-5659, pp. 121 - 128
19. Manescu G., Kifor C.V., **Zerbes M.V.**, *The design of a collaborative model for defense industry using the IDEF methodology*, Science & Military, Volume 10, ISSN 1336-885, pp. 13-18, 2015
20. **Zerbes M.V.**, Şitoianu C.I., *Improving food radioactivity monitoring process in the laboratory of the nuclear radiation hygiene from Sibiu public health department*, Academic Journal Of Manufacturing Engineering – AJME, Volume 13, ISSN 1583-7904, pp. 84-89, 2015
21. Moraru G.M., Budau, G., **Zerbes M.V.**, *Some Elements that Sustain the Development of Creativity in Industry*, Annals of the "Constantin Brâncuşi" University of Târgu Jiu, Engineering Series, ISSN 1842-4856, pp. 170-175, 2015
22. Bucur A, Popescu L.G., **Zerbes M.V.**, *Aspects of modeling and simulation of the traffic management quality sustainable in an urban intersection*, Proceedings of the 7th International Conference on Urban Planning and Transportation (UPT '14) Salerno, June 3-5, 2014, Italy, ISSN: 2227-4359, ISBN: 978-960-474-375-9, pp. 74-79
23. Rus A. M., **Zerbes M.V.**, Rus C.G., Lobont L., *Advanced feasibility analysis for product project validation in automotive industry*, Academic Journal of Manufacturing Engineering- AJME, Volume 12, ISSN 1583-7904, pp. 97-102, 2014
24. Rus A. M., **Zerbes M.V.**, Kifor C.V., Rus C.G., Grecu V., *Process improvement using DMAIC methodology in automotive industry. Case study*, Academic Journal of Manufacturing Engineering- AJME, Volume 12, ISSN 1583-7904, pp. 103-108, 2014
25. **Zerbes M.V.**, *Modeling the planning process of the unique product*, Academic Journal of Manufacturing Engineering- AJME, Volume 12, ISSN 1583-7904, pp. 115-120, 2014
26. **Zerbes M.V.**, *Measuring performance of the planning and designing processes for the unique products*, Academic Journal of Manufacturing Engineering- AJME, Volume 12, ISSN 1583-7904, pp. 121-129, 2014
27. Popescu L.G., **Zerbes M.V.**, Bucur A., *A strategic analysis model for developing centres for additive manufacturing in universities*, Proceedings of the International Multidisciplinary Scientific Conference on Social Science and Arts - SGEM 2014, ISBN 978-619-7105-24-7, ISSN 2367-5659, pp. 43-50, 2014

28. Popescu L.G., **Zerbes M.V.**, Bucur A., *Mathematical modeling of the degree of interest of students for educational activities in the field of quality and sustainable development*, Proceedings of the International Multidisciplinary Scientific Conference on Social Science and Arts - SGEM 2014, ISBN 978-619-7105-24-7, ISSN 2367-5659, pp. 517-524, 2014
29. **Zerbes M.V.**, Popescu L.G., Bucur A., *Conceptual model for measuring performance of planning and design processes*, Proceedings of the International Multidisciplinary Scientific Conference on Social Science and Arts - SGEM 2014, ISBN 978-619-7105-24-7, ISSN 2367-5659, pp. 185-192, 2014
30. **Zerbes M.V.**, Popescu L.G., Bucur A. *Validation of processes*, Proceedings of the International Multidisciplinary Scientific Conference on Social Science and Arts - SGEM 2014, ISBN 978-619-7105-24-7, ISSN 2367-5659, pp. 1035-1040, 2014
31. Popescu L. G., **Zerbes M. V.**, Pascu R. V., *A simulation analysis of a logistics supply system of a wood manufactory enterprise*, Proceedings of the International Conference on Manufacturing Science and Education- MSE 2013, ISSN 1843-2522, Sibiu
32. Kifor, S., Pascu, R.V., Popescu, L.G., **Zerbes, M.V.**, *A case study regarding the implementation of the GDSS in academic and industrial organisations*, Proceedings of the 2013 IEEE International Conference on Intelligent Computer Communication and Processing, ISSN 1220-1758, 2013
33. **Zerbes M.V.**, Pascu R. V., Popescu L. G., *Îmbunătățirea managementului SSM la Facultatea de Medicina din cadrul Universității „Lucian Blaga” Sibiu*, Buletinul conferinței jubiliare a Inspecției Muncii – Securitate și Sănătate în Muncă – Sibiu, Editura Universității Lucian Blaga din Sibiu, 2013, ISBN 978-606-12-0581-3
34. Popescu L. G., **Zerbes M. V.**, Schneider I., Pascu R. V., Lobonț L., *Comparative study in terms of carbon monoxide pollution in a traffic area before and after traffic reconfiguration*, Annals of the Oradea University. Fascicle of Management and Technological Engineering, Volume XII (XXII), 2013, NR1 ISSN 1583-0691
35. Pascu R. V., **Zerbes M. V.**, Popescu L. G., Șogorăscu I., *Improving the OSH management at the Lucian Blaga University of Sibiu*, Proceedings of the 7th International Seminar on the Quality Management in Higher Education, Österreichische Computer Gesellschaft, ISBN 978-3-85403-291-5, Noiembrie, Iași, pp. 471-476, 2012.
36. Șogorăscu I., **Zerbes M. V.**, Oprean C., Kifor Ș., Rus A., *Development of a methodology for improving product quality in order to maintain market competitiveness*, Proceedings of the The 6<sup>th</sup> Balkan Region Conference on Engineering and Business Education & The 5<sup>th</sup> International Conference on Engineering and Business Education & The 4<sup>th</sup> International Conference on Innovation and Entrepreneurship, ISBN 978-606-12-0369-7, ISSN 1843-6730, October, 18<sup>th</sup> -21<sup>st</sup>, Sibiu, pp. 63-66, 2012.
37. Șogorăscu I., Bucur A., Oprean C., **Zerbes M. V.**, Rus A., *Implementing alternative methods for quality evaluation that aim the development of a sustainable business*, Proceedings of the The 6<sup>th</sup> Balkan Region Conference on Engineering and Business Education & The 5<sup>th</sup> International Conference on Engineering and Business Education & The 4<sup>th</sup> International Conference on Innovation and Entrepreneurship, ISBN 978-606-12-0369-7, ISSN 1843-6730, October, 18<sup>th</sup> -21<sup>st</sup>, Sibiu, pp. 431-434, 2012.
38. **Zerbes M. V.**, Pascu R. V., Popescu L. G., *Developing a model for advanced planning and design of the processes in automotive industry*, Proceedings of the The 6<sup>th</sup> Balkan Region Conference on Engineering and Business Education & The 5<sup>th</sup> International Conference on Engineering and Business Education & The 4<sup>th</sup> International Conference on Innovation and

Entrepreneurship, ISBN 978-606-12-0369-7, ISSN 1843-6730, October, 18<sup>th</sup> -21<sup>st</sup>, Sibiu, pp. 253-258, 2012.

39. Kifor, S., Pascu, R.V., Popescu, L.G., **Zerbes, M.V.**, *A case study regarding implementation of the GDSS in academic and industrial organisations*, Revista Română de Informatică și Automatică, ISSN 1220-1758, eISSN 1841 – 4303, București, pp. 13-24, 2011
40. Pascu, R. V., **Zerbes, M. V.**, Blaj, M., Popescu, L.G., *Project Quality Management Processes Group - an integrative model*, Academic Journal of Manufacturing Engineering, ISSN: 1583-7904, pp. 79-84, 2011
41. Pascu, R.V., **Zerbes, M.V.**, Popescu, L.G., Motoc, V., *A case study on improving the project management in EU financed projects at the „Lucian Blaga” University of Sibiu*, Proceedings of the International Conference on Manufacturing Science and Education- MSE 2011, ISSN 1843-2522, Sibiu, pp. 161-164, 2011.
42. Pascu, R.V., **Zerbes, M.V.**, Popescu, L.G., Muntean, L., *A conceptual model for the Project Quality Management Process*, Proceedings of the International Conference on Manufacturing Science and Education - MSE 2011, ISSN 1843-2522, Sibiu, pp. 297-300, 2011.
43. **Zerbes, M.V.**, Oprean, C., Lobonț, L., Pascu, R.V., Popescu, L.G., *Conceptual model for advanced process planning and validation*, Proceeding of the 5th International Conference on Manufacturing Science and Education, Vol. II, ISSN 1843-2522, June, 2-5, Sibiu, pp.309-312, 2011.
44. Popescu, L.G., **Zerbes, M.V.**, Blaj, M., Pascu, R. V., *Research regarding the use of quality techniques and instruments in view of maintaining and improving quality management systems*, TEHNOMUS - New Technologies and Products in Machine Manufacturing Technologies, 16th International Conference on New Technologies and Products in Machine Manufacturing Technology, May, 13-14, ISSN- 1224- 099X, Suceava, pp. 297-302, 2011.
45. Popescu, L.G., **Zerbes, M.V.**, Pascu, R. V., Lobont. L., Beju, L. D., *Development of means and a platform for research*, TEHNOMUS - New Technologies and Products in Machine Manufacturing Technologies, 16th International Conference on New Technologies and Products in Machine Manufacturing Technology, May, 13-14, ISSN- 1224- 099X, Suceava, pp. 239-244, 2011.
46. Blaj, M., **Zerbes, M.V.**, Kifor, C. V., *Improving the quality of distance education in the "Lucian Blaga" University of Sibiu*, Proceedings of the International Conference on Manufacturing Science and Education- MSE 2011, ISSN 1843-2522, Sibiu, pp.81-84, 2011.
47. **Zerbes, M.V.**, Pascu, R.V., Budău, G., Popescu, L.G., *Breakeven Analysis – main element to establish the prices for the furniture production*, Proceedings of the International Conference “Wood Science and Engineering in the Third Millennium” – ICWSE 2011, ISSN 1843-2689, Brașov, pp. 595-602, 2011.
48. Kifor, C.V., Oprean, C., Moțoc, V., **Zerbes, M. V.**, Popescu, L., *The Strategy of Implementing the Occupational Health and Safety Management System at Lucian Blaga University of Sibiu*, Proceedings of the 16th international conference - the knowledge-based organization, ISSN 1843-6722, November 25 - 27 Sibiu, pp. 268-273, 2010.
49. Lascu A. E., **Zerbes M. V.**, Negulescu S. C., Kifor, C.V., Lobonț, L., *Facing the interface in e-learning*, Proceedings of the 6th International Seminar on the Quality Management in Higher Education, Source: Quality Management in higher education, vol. 2, ISBN (Volume II) 978-973-662-568-8, JUL. 08 - 09 Tulcea, pp. 499-502, 2010.

50. **Zerbes M. V.**, Lascu A. E., Oprean C., Negulescu S. C., *The development of the interactive course concept by using multimedia means*, Conference: 6th International Seminar on the Quality Management in Higher Education, Source: Quality Management in higher education, vol. 2, ISBN (Volume II) 978-973-662-568-8, JUL. 08 - 09 Tulcea, pp. 705 - 708, 2010.
51. **Zerbes, M. V.**, Popescu, L.G., Kifor, C., Beju, L., *Strategic model for a collaborative design into a virtual research centre*, Proceeding of 4th International Conference "Education Facing Contemporary World Issues", ISSN 1844-6264, October, 8<sup>th</sup> - 9<sup>th</sup> Pitești, pp.108-115, 2010.
52. **Zerbes, M. V.**, Kifor, C., Popescu, L.G., Lobont, L., *Improving quality of education. Case Study at Engineering Faculty of the Lucian Blaga University Sibiu*, Proceeding of 4th International Conference "Education Facing Contemporary World Issues", ISSN 1844-6264, October, 8<sup>th</sup> – 9<sup>th</sup> Pitești, pp. 326-334, 2010.
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#### **D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)**

- **Reviste**

1. **Zerbes, M.V.**; Cioca, L I., *The modelling of the improving environmental aspects process and of the associated impacts in industrial organizations*, QUALITY-ACCESS TO SUCCESS, vol. 18, nr. 1, ISSN: 1582-2559, [http://www.srac.ro/calitatea/arhiva/supliment/2017/Q-asContents\\_Vol.18\\_S1\\_Jan-2017.pdf](http://www.srac.ro/calitatea/arhiva/supliment/2017/Q-asContents_Vol.18_S1_Jan-2017.pdf), WOS:00041740500003, pp. 196-201;
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4. **Zerbes M.V.**, *Quality improvement of processes within medical analysis laboratory of the Medical Center dr. Begher from Arad*, Academic Journal of Manufacturing Engineering, 2016
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*DMAIC methodology in automotive industry. Case study*, Academic Journal of Manufacturing Engineering- AJME, Volume 12, ISSN 1583-7904, pp. 103-108, 2014

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- ***Selecție cu maximum 20 lucrări în volume de conferințe***

1. **Zerbes M.V.**, Badea D., Neamu V.S., Vișan A.E., Giurea R., *Counterproductive behavior and its manifestation in management*, 15th edition of the International Scientific Conference Defense Resources Management in the 21st Century November 12th - 13th 2020, Brasov, Romania, SPECIAL ON-LINE EDITION (on the MICROSOFT TEAM platform), <http://www.codrm.eu/2020.php>, 12-13.11.2020
2. **Zerbes M.V.**, Badea D., Olteanu A., Vișan A.E., Giurea R., *Study of the reliability of the integrated quality management system within the organisation*, 15th edition of the International Scientific Conference Defense Resources Management in the 21st Century November 12th - 13th 2020, Brasov, Romania, SPECIAL ON-LINE EDITION (on the MICROSOFT TEAM platform), <http://www.codrm.eu/2020.php>, 12-13.11.2020
3. Olteanu A., **Zerbes M.V.**, Vișan A.E, *Developing an energy efficient ecological house model*, Anthropology of Communication International Conference Sibiu 2020 - "Theosophy, Cibernetics & Knowledge", <https://www.lobbyart-anthropology.ro/Anthropology--and--Communication.php>, 01.09.2020
4. Olteanu A., **Zerbes M.V.**, Vișan A.E, *The impact of radon pollution on health and solutions to reduce concentration in residential air*, Anthropology of Communication International Conference Sibiu 2020 - "Theosophy, Cibernetics & Knowledge", <https://www.lobbyart-anthropology.ro/Anthropology--and--Communication.php>, 01.09.2020
5. **Zerbes M.V.**, Neamu V.S., *Psychological validations of Waldorf alternative educational model*, Anthropology of Communication International Conference Sibiu 2018 - "Ego & Dual Knowledge", <http://ispri.ro/the-international-conference-anthropology-communication-ego-dual-knowledge-the-multicultural-and-multi-confessional-center-of-studies-lobbyart-in-partnership-with-lu/>
6. **Zerbes M.V.**, Cioca L.I., Neamu V.S., *Occupational health programs and workplace absenteeism*, 8th INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC SYMPOSIUM, UNIVERSITARIA SIMPRO 2018, PETROȘANI, ISSN–L 1842 – 4449 ISSN 2344 – 475, [www.upet.ro/simpro/2018/](http://www.upet.ro/simpro/2018/);
7. **Zerbes, M. V.**, & Popescu, L. G., (2018). *Study on improving silicone losses in the process of mixing components of soldering machines*. MATEC Web of Conferences, 184, 04021. doi:10.1051/mateconf/201818404021, MATEC eISSN: 2261-236X, ISSN2457-8347, Annual Session of Scientific Papers IMT ORADEA 2018, MATEC Web Conf., Volume 184, 2018, [https://www.matec-conferences.org/articles/mateconf/abs/2018/43/mateconf\\_oradea2018\\_04021/mateconf\\_oradea2018\\_04021.html](https://www.matec-conferences.org/articles/mateconf/abs/2018/43/mateconf_oradea2018_04021/mateconf_oradea2018_04021.html), pp. 151-156;
8. Popescu L.G., **Zerbes M.V.**, *Measuring the performance of the manufacturing planning*

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**Data:**  
**14.09.2021**

**Semnătura:**

