

**L I S T A**  
**lucrărilor științifice**

**Lucrări publicate în reviste de specialitate indexate Clarivate/ISI Knowledge**

1. Ciurea, E., Georgescu, O., **Schiopu, C.** - *Minimum Flows in Directed 1-n Planar Static and Dynamic Networks with Arcs and Nodes Capacities*, Journal of Circuits Systems and Computers, vol. 31 (7) – 2022, pg. 1-19, ISSN 0218-1266, DOI: 10.1142/S0218126622300045 WOS: 000784796300017, jurnal indexat ISI cu Factor de Impact 1.278, SRI: 0.326, AIS: 0,160, <https://www.worldscientific.com/doi/10.1142/S0218126622300045>.
2. Marinescu, N., Madar, A., Neacsu, N.A., **Schiopu, C.** - An Empirical Research on the Behavioral Perceptions of University Students on Their ERASMUS Mobilities Abroad, International Journal of Environmental Research and Public Health, vol. 19(9), 2022, pg. 1-17, eISSN 1660-4601, DOI: 10.3233/FI-2018-1737, WOS: 000800730200001, jurnal indexat ISI cu Factor de Impact 4.614, SRI: 1.383, AIS: 0,866, <https://www.mdpi.com/1660-4601/19/9/5756>.
3. **Schiopu, C.**, Ciurea, E., - *Maximum Flows in Planar Dynamic Networks. The Static Approach*, Romanian Journal of Information Science and Technology, vol. 23(T), 2020, pg. T18–T27, ISSN 1453-8245, WOS: 000590024000001, jurnal indexat ISI cu Factor de Impact 0.485, SRI: 0.273, AIS: 0,123, <http://www.romjist.ro/abstract-671.html>.
4. **Schiopu, C.**, Ciurea, E. - *Maximum Flows in Planar Dynamic Networks with Lower Bounds*, Fundamenta informaticae, vol. 163 (2) – 2018, pg. 103-115, ISSN 0169-2968, DOI: 10.3233/FI-2018-1737, WOS: 000458973900004, jurnal indexat ISI cu Factor de Impact 1.204, SRI: 0.638, AIS: 0.308, <https://dblp.org/db/journals/fuin/fuin163.html>.
5. **Schiopu, C.**, Ciurea, E. - *Two Flow Problems in Dynamic Networks*, International Journal of Computers, Communications and Control, vol 12 (1) – 2017, pg. 282–291, ISSN 1841-9836, WOS: 000390587600008, jurnal indexat ISI cu Factor de Impact 1.179, SRI: 0.338, AIS: 0.170, <https://univagora.ro/jour/index.php/ijccc/article/view/2786>.
6. **Schiopu, C.** - *The maximum flows in planar dynamic networks*, International Journal of Computers, Communications and Control, vol 11 (2) – 2016, pg. 282–291, ISSN 1841-9836, DOI: 10.15837/ijccc.2016.2.2444, WOS: 000368997900010, jurnal indexat ISI cu Factor de Impact 1.193, SRI: 0.322, AIS: 0.159, <https://univagora.ro/jour/index.php/ijccc/article/view/2444>.

**Lucrări publicate în reviste indexate în diverse baze de date**

1. **Schiopu, C.**, Ciurea, E. - Optimum Flows in Directed Bipartite Dynamic Network. The Static Approach., International Journal of Circuits, Systems and Signal Processing, vol 14, pg. 309-317, ISSN: 1998-4464, 2022, DOI: 10.46300/9106.2020.14.43, <https://www.naun.org/cms.action?id=23198>.

2. **Schiopu, C.** - Maximum Flows In Bipartite Dynamic Networks, Bulletin of the Transilvania University of Braşov – Series III Mathematics, Informatics, Physics, Vol 12(61), No. 1 – 2019, pg. 177-198, ISSN 2065-2151, DOI: 10.31926/but.mif.2019.12.61.1.14, [https://webbut.unitbv.ro/index.php/Series\\_III/article/view/1191](https://webbut.unitbv.ro/index.php/Series_III/article/view/1191).
3. **Schiopu, C.** - *The maximum flows in bipartite dynamic networks. The static approach.* Annals of the University of Craiova - Mathematics and Computer Science Series 43 (2016), 2, pg. 200–209, ISSN 1223-6934, DOI: 10.52846/ami.v43i2.713, <http://inf.ucv.ro/~ami/index.php/ami/article/view/713>.
4. **Schiopu, C.** - *An application of freight systems,* Bulletin of the Transilvania University of Braşov – vol 8 (57) – 2015, pg. 499-506, series V: Economic Sciences, ISSN 2065-2194.
5. **Schiopu, C.** - *The maximum flows in bipartite dynamic networks,* Bulletin of the Transilvania University of Braşov – Series III Mathematics, Informatics, Physics, Vol 7(56), No. 2 – 2014, pg. 193-202, ISSN 2065-2151, [http://webbut2.unitbv.ro/BU2013/2014/Series\\_III/BULETIN%20III](http://webbut2.unitbv.ro/BU2013/2014/Series_III/BULETIN%20III).
6. **Mîzgaciu, C.** - Some aspects concerning of implementation of lean manufacturing in the management of higher education, Review of the Air Force Academy, Vol XI, No 2(24) 2013, pg. 97-102, ISSN 1842-9238, [https://www.afahc.ro/ro/revista/2013\\_\(2\).html](https://www.afahc.ro/ro/revista/2013_(2).html).
7. **Mîzgaciu, C.**- A Software Application for Managing Graduates and Graduation Diploma in the University, Bulletin of the Transilvania University of Braşov – vol 2 (51) – 2009, pg. 111-118, series V: Economic Sciences, ISSN 2065-2194.

#### Lucrări publicate în volumele conferinţelor de specialitate:

1. **Schiopu, C., Ciurea, E.,** - *The Minimum Flows in Bipartite Dynamic Networks. The Static Approach,* 2nd International Conference on Mathematics and Computers in Science and Engineering (MACISE), Madrid, Spain, 2020, pg. 10-15, ISBN 978-1-7281-6695-7, DOI: 10.1109/MACISE49704.2020.00009, <https://ieeexplore.ieee.org/document/9195596>.
2. Ciurea, E., **Schiopu, C.** - *Minimum flows in directed planar dynamic networks.* In: Proceedings of the 6th International Conference on Control, Decision and Information Technologies (CoDIT '19), Paris, France, 2019, pg. 1746-1751, ISSN 2576-3555, ISBN 978-1-7281-0521-5, WOS: 000539199300298, [https://www.researchgate.net/publication/335575751\\_Minimum\\_Flows\\_in\\_Directed\\_Planar\\_Dynamic\\_Networks](https://www.researchgate.net/publication/335575751_Minimum_Flows_in_Directed_Planar_Dynamic_Networks).
3. Ciurea, E., Georgescu, O., **Schiopu, C.** - *Minimum flows in directed s-t planar networks with arcs and nodes capacities.* In: Proceedings of the 5th International Conference on Control, Decision and Information Technologies (CoDIT '18), Thessaloniki, Greece, 2018, pp. 110–115, ISSN 2576-3555, ISBN 978-1-5386-5065-3, WOS: 000468641000019.
4. **Schiopu, C., Ciurea, E.** - *The Maximum Flows in Bipartite Dynamic Networks with Lower Bounds. The Static Approach,* 6th International Conference on Computers Communications and Control, Oradea, România, 10-14 mai 2016, pg. 10-16, ISBN 978-1-5090-1735-5, DOI: 10.1109/ICCC.2016.7496731, WOS: 000391251000002.

5. **Schiopu, C.** - *Application of the maximal dynamic network flow problem*, The 14th International Conference on Mathematics and its Applications, Timișoara, 5-7 noiembrie 2015, ISSN 1224-6069.
6. Voinescu, D., Maican, C., **Mîzgaciu, C.** - Using Business Intelligence in university libraries - an implementation case study at Transilvania University of Brasov, International Conference on Library and Information Science, Brasov, June 2-4, 2011, pg. 239-244, ISSN 2066-5121.
7. **Mîzgaciu, C.** - A management system to track fees collected in a university, 8th International Conference Challenges in Higher Education and Research in 21st Century, Sozopol, Bulgaria, June 2 – 4, 2010, published by Heron Press Ltd., ISBN: 978-954-580-282-9.
8. **Mîzgaciu, C.** - Some aspects of the impact of information technology in education and libraries, International Conference on Library and Information Science, Brașov, June 3-5, 2010, pg. 193-198, ISSN 2066-5121.
9. Sangeorzan, L., Nedelcu, A., **Mîzgaciu, C.**, Rogozea, L., Podașcă, C. - Online Patient Record in an Emergency Room Based on WEB 2.0 Technologies, Mathematics and Computers in Science and Engineering, Vouliagmeni, Athens, Greece, September 28-30, 2009, pg. 622-626, ISSN: 1790-2769, ISBN: 978-960-474-124-3
10. **Mîzgaciu, C.**, Sangeorzan, L. – Some Qualitative Aspects Concerning the Organization and Storage of Data Contained in a Graduation Diploma using PHP and MySQL, Sixth International Conference Challenges in Higher Education and Research in 21st Century, Sozopol, Bulgaria, June 4 – 7, 2008, published by Heron Press Ltd., vol. 6, pg. 137-139, ISBN 978-954-580-247-8.
11. Maican, C., Aldea, C., **Mîzgaciu, C.** - A Framework for Managing research, Sixth International Conference Challenges in Higher Education and Research in 21st Century, Sozopol, Bulgaria, June 4 – 7, 2008, published by Heron Press Ltd., vol. 6, pg. 595-597, ISBN 978-954-580-248-5.

#### **Volume de specialitate**

1. **Schiopu, C.** - Fluxuri în rețele planare și rețele bipartite, Editura Universității Transilvania din Brașov, ISBN 978-606-19-1399-2, 2021.

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