Domeniul Fundamental: STIINTE INGINERESTI
Domeniul de Studii Universitare: CALCULATOARE si TEHNOLOGIA INFORMATIEI
Comisia CNATDCU [nr/denumire]: 15. CALCULATOARE, TEHNOLOGIA INFORMATIEI SI INGINERIA SISTEMELOR

<div align="center">

UNIVERSITATEA POLITEHNICA BUCURESTI

FISA DE EVALUARE A ACTIVITATII CANDIDATULUI
Condiţii Minimale pentru Inscrierea la Concurs [Abilitare]
[OMECTS 6560 / 20.12.2012, MO, PI, 890bis / 27.12.2012]

</div>

NUME CADRU DIDACTIC: CULITA JANETTA

FACULTATEA: AUTOMATICA SI CALCULATOARE

Punctaje conditii minimale (A)			
Nr.	**Domeniul de activitate**	**Minim prevazut**	**Realizat**
A1	Activitatea didactica / profesionala (A1)	100.00	145.00
A2	Activitatea de cercetare (A2)	600.00	659.07
A3	Recunoasterea impactului activitatii (A3)	150.00	176.53
	TOTAL (A)	850.00	980.60

Punctaje conditii minimale obligatorii pe subcategorii			
Nr.	**Domeniul de activitate**	**Minim prevazut**	**Realizat**
A1.1.1-A1.1.2	Carti si capitole in carti de specialitate in ed. Cu ISBN	1	5
A2.1	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings	15	23
	din care cotate ISI Q1 sau Q2	3	4
A2.4.1	Granturi / proiecte castigate prin competitie (Director / responsabil)	2	2
A3.1.1-A3.1.2	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI	25	43
	Factor de impact cumulat pentru publicatii	10	22.69

<div align="center">

STRUCTURA ACTIVITATII CANDIDATULUI

</div>

A1	Activitatea didactica si pedagogica (A1)	145.00

A1.1.1	Carti si capitole in carti de specialitate in edituri internationale recunoscute [Carti: 50p/nr.autori sau 100/nr.autori daca apare in >50 biblioteci	
	Total (A1.1.1)	0

A1.1.2	Carti si capitole in carti de specialitate in edituri nationale recunoscute [50p/nr. autori]	

1	Ionescu F., Stefanoiu D., Culita J. – Prediction ARMA versus ondelletes in : Automatique Avancee et Informatique appliqué (pp. 149-158) , Editura Academiei Romane , (P. Borne, Gh, Filip, M. Benrejeb, D. Popescu) Editors, 2009, ISBN: 978-973-27-1806-3, cod CNCSIS 164	16.67
2	Culiță Janetta., Ștefănoiu Dan – Modelare analitică și experimentală, Editura Printech, 2008, 230 pp., ISBN 978-973-718-987-5, cod CNCSIS 164	25.00
3	Ștefănoiu D., Culiță J., Stoica P. – Fundamentele Modelării și Identificării sistemelor, Editura Printech, 2005, 330 pag., ISBN : 973-718-368-1, cod CNCSIS 164	16.67
4	Culiță J. , Caramihai M., Șerban A., Găloiu Ș. – Procesarea de baza Word, Editura Cartea Studenteasca, ISBN: 973-87229-4-2. (CD atasat ISBN), 130 pag., Bucuresti 2005.	12.50
5	Culiță J. , Ciochină L., - Calcul tabelar, Editura ALMAROM, ISBN 973-8467-69-1, 125 pag., 2005.	25.00
6	Caramihai M., Culiță J. , Șerban A., Găloiu Ș. – Certificare Expert Microsoft Word - notiuni de baza, Editura Cartea Studenteasca, ISBN: 978-973-8952-00-3, 159 pag., Bucuresti 2006.	12.50
	Total (A1.1.2)	**108.33**

A1.2.1	**Material didactic / Lucrari didactice [40p/nr autori]**	
1	Stefanoiu D., Culita J., Tudor F.S.– Abordari experimentale de identificare a proceselor si fenomenelor, Editura AGIR, 2012, 300 pag., ISBN 978-973-720-435-6, cod CNCSIS 140	13.33
2	Caramihai S.I. , Culiță J., Munteanu C. A.– Modelarea si analiza sistemelor cu evenimente discrete – 103 Probleme, Editura Printech, ISBN 973 – 652 – 771 – 9, 75 pp., 2003. cod CNCSIS 164	13.33
3	Tertișco M, Racoviță Z, Iacob F, Mereuță (Culiță) J. - Elemente de Stiinta Sistemelor si Calculatoarelor, Ed. UPB, Bucuresti, 1995	10.00
	Total (A1.2.1)	**36.67**

A2	**Activitatea de cercetare (A2)**			**659.07**	
A2.1	**Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings [(25+30*factor impact)/nr.autori]**	Numar autori	Factor Impact	Punctaj	
1	Ștefănoiu D, **Culiță J.** - Optimal Identification and Metaheuristic PID Control of a Two Tank System, *Electronics* 2021, vol. 10 issue 9, nr. 1101, 41 pages; ISSN: 2079-9292; WOS:000649995200001; https://doi.org/10.3390/electronics10091101, https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sWFtjQWVf8jpRph&page=1&doc=1 (Q3)	2	2.397	48.46	
2	**Culiță J.**, Caramihai S.I., Dumitrache I., Moisescu M.A., Sacala I.S- An Hybrid Approach for Urban Traffic Prediction and Control in Smart Cities, *Sensors* 2020, vol 20, issue 24 , article nr. 7209, 20 pages., ISSN: 1424-8220; WOS:000603219900001; DOI: 10.3390/s20247209 https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sWFtjQWVf8jpRph&page=1&doc=2 (Q1/Q2)	5	3.576	26.46	
3	Ștefănoiu D.,**Culiță J.** -Joint Stochastic Spline and Autoregressive Identification Aiming Order Reduction based on Noisy Sensor Data, *Sensors* 2020, vol. 20 issue 18, article nr. 5038; 32 pages; ISSN: 1424-8220; WOS:000580261500001; DOI: 10.3390/s20185038; https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sWFtjQWVf8jpRph&page=1&doc=3 (Q1/Q2)	2	3.576	66.14	
4	Ștefănoiu D., **Culiță J.**, Stanasila O. HYRON – An Installation to Produce High Purity Hydrogen and Soft Iron Powder from Cellulose Waste. *Materials*, vol. 12, nr 9, 2019, article nr. 1538; 31 pages; ISSN: 1996-1944; WOS:000469757500179. DOI: 10.3390/ma12091538 (Q2) https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sWFtjQWVf8jpRph&page=1&doc=5 (Q2)	3	3.623	44.56	

5	Ștefănoiu D., **Culiță J.**, Ionescu F.- Vibration Fault Diagnosis through Genetic Matching Pursuit Optimization. *Soft Computing* , 23(17), pp. 8131-8157, 2019. ISSN: 1432-7643; WOS:000486914400039. DOI: 10.1007/s00500-018-3450-0 https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sW FtjQWVf8jpRph&page=1&doc=4 (Q2)	3	3.643	44.76
6	**Culiță J.**, Ștefănoiu D.- Multi-model identification of Pumping System in ASTANK2 Plant, The 21-th International Conference on Control Systems and Computer Science, CSCS-21, May 2017 pp.59-66, ISBN 978-1-5386-1839-4; WOS:000449004400008, DOI: 10.1109/CSCS.2017.15. ISBN:978-1-5386-1839-4 https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sW FtjQWVf8jpRph&page=1&doc=6	2	0.25	16.25
7	Ștefănoiu D., Dumitrascu A., **Culiță J.**.- Lossy Vibration Compression through Matching Pursuit, in Control Engineering and Applied Informatics, vol. 18, issue 4, pp 45-56, 2016; ISSN 1454-8658; WOS:000390834600005https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sW FtjQWVf8jpRph&page=1&doc=7	3	0.973	18.06
8	**Culiță J.**, Ștefănoiu D., Dumitrascu A.- ASTANK2: Analytical Modeling and Simulation, The 20-th International Conference on Control Systems and Computer Science, CSCS-20 (ISBN 978 1 4799 1779 2), 27-29 May 2015, Bucharest, Romania, pp. 141-148 (Vol. 1), WOS:000380375200020; DOI: 10.1109/CSCS.2015.97 https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sW FtjQWVf8jpRph&page=1&doc=8	3	0.250	10.83
9	Dumitrascu A., Istratescu C. S., Ștefănoiu D., **Culiță J.**.-Environment Communication and Control Systems Integrated on Teaching Platforms – Case Study: Double Water Tank System , The 20-th International Conference on Control Systems and Computer Science, CSCS-20 (ISBN 978 1 4799 1779 2), 27-29 May 2015, Bucharest, Romania, pp. 941-945 (Vol. 2), WOS:000380375200138; DOI 10.1109/CSCS.2015.98 https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sW FtjQWVf8jpRph&page=1&doc=9	4	0.250	8.13
10	Ștefănoiu D., **Culiță J.**, Dumitrașcu A. - Fast Prediction Algorithms for Distributed Time Series, International Work Conference on Time Series Analysis ITISE 2014, Granada, Spania, June 25–27, 2014, pp. 735-746; ISBN:978-84-15814-97-9; WOS:000359136600082; https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sW FtjQWVf8jpRph&page=1&doc=10	3	0.250	10.83
11	**Culiță J.**, Ștefănoiu D., Dumitrașcu A. – Intelligent Forecasting of Indoors Ecological Processes, in Advances in Intelligent Control Systems and Computer Science, pp. 339-354, Springer-Verlag, Berlin, 2013. ISBN 978-3-642-32547-2; WOS:000312752500024 https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sW FtjQWVf8jpRph&page=2&doc=12	3	0.250	10.83
12	Dumitrașcu A., Ștefănoiu D., **Culiță J.** - Remote Monitoring and Control System for Environment, in Advances in Intelligent and Control Systems and Computer Science, pp. 223-234, Springer-Verlag, Berlin, 2013; ISBN 978-3-642-32547-2; WOS:000312752500016 https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sW FtjQWVf8jpRph&page=2&doc=11	3	0.250	10.83
13	Ștefănoiu D. Tudor F., **Culiță J.** - WINTUS – A Simulator for Usual Wind Turbines. Proceedings of the 10th Industrial Simulation Conference ISC-2012, Brno, Czech Republic, June 4–6, 2012; , pp. 93-100. ISBN 978-90-77381-63-2, WOS:000394722200015; https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sW FtjQWVf8jpRph&page=2&doc=13	3	0.250	10.83

14	**Culiță J.**, Ștefănoiu D., Dumitrașcu A.- EcoMonFor – A System for Greenhouses Monitoring and Forecasting, Proceedings of the Industrial Simulation Conference ISC-2011, Venice, Italy, June 6–8, 2011, pp. 262-269, ISBN:978-90-77381-63-2; WOS:000393442400040; https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sWFtjQWVf8jpRph&page=2&doc=14	3	0.250	10.83
15	Ștefănoiu D., **Culiță J.** - Multi-Variable Prediction of Physical Data, "Politehnica" University of Bucharest Scientific Bulletin, A Series – Applied Mathematics and Physics, Vol. 72, No. 1, pp. 95-102, January 2010; ISSN: 1223-7027; WOS:000275788700012; https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sWFtjQWVf8jpRph&page=2&doc=16	2	0.903	26.05
16	Ștefănoiu D., Seraficeanu C., **Culiță J.**, Muscă Gh. – Identification of MIMOARMAX Models for Glycemia and Sodium Ions Tests, through Particle Swarm Optimization, Proceedings of the 7-th International IEEE Conference on Control and Automation, IEEE-ICCA'09, Christchurch, New Zealand , December 9-11, 2009, pp. 643–650, ISBN:978-1-4244-4706-0; WOS:000280542300111; https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sWFtjQWVf8jpRph&page=2&doc=17	4	0.250	8.13
17	**Culiță J.**, Ștefănoiu D. – FORTIS – An Integrated Simulator for Distributed Time Series Forecasting, Proceedings of the Industrial Simulation Conference ISC-2010, Budapest, Hungary, June 7–9, 2010, pp. 27-33; ISBN:978-90-77381-55-7; WOS:000396178800005 ; https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sWFtjQWVf8jpRph&page=2&doc=15	2	0.250	16.25
18	Ștefănoiu D, **Culiță J.** - PARMAX- A predictor for distributed time series, Industrial Simulation Conference, Proceedings of the Industrial Simulation Conference ISC 2009, Loughborough, UK, 1-3 iunie 2009, pp. 5-12. ISBN:978-9-07738-148-9. WOS:000280184200001; https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sWFtjQWVf8jpRph&page=2&doc=18	2	0.250	16.25
19	Ștefănoiu D., **Culiță J.**, Ionescu F. – FORWAVER - An wavelet –based predictor for nonstationary signals, Proceedings of the Industrial Simulation Conference ISC 2008, Lyon, France, ,9-11 June 2008, pp. 377-381, ISBN:978-90-77381-4-03. WOS:000263829300057; https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sWFtjQWVf8jpRph&page=2&doc=19	3	0.250	10.83
20	Munteanu C., Caramihai M., **Culiță J.** - Modular Approach Based Decision Support for Communication Systems, Proceedings of 5th Industrial Simulation Conference ISC 2007, Delft, Nederland, 11-13 iunie 2007, pp. 345-349, ISBN 978-90-77381-34-2. WOS:000255638100051.https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sWFtjQWVf8jpRph&page=2&doc=20	3	0.250	10.83
21	Dumitrache I., Caramihai S.I., **Culiță J.**, Munteanu C., Stănescu A.M. – Intelligent autonomous agents for manufacturing - Proceedings of the 9th IFAC Symposium on Large Scale Systems: Theory and Application, ISSN 0962-9505, ISBN 0-08-043691-9, Bucharest, Romania,18-20 July 2001, pp. 493-498. WOS:000180832900078; https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sWFtjQWVf8jpRph&page=3&doc=22	5	0.250	6.50
22	**Culiță J.**, Caramihai S.I., Stănescu A.M.– Monitoring of the desynchronizing dysfunctions in flexible manufacturing systems - Proceedings of the 9th IFAC Symposium on Large Scale Systems: Theory and Application, ISSN 0962-9505, ISBN 0-08-043691-9, Bucharest, Romania, 18-20 July 2001, pp. 505-510; WOS:000180832900080; https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sWFtjQWVf8jpRph&page=3&doc=21	3	0.250	10.83

23	Tertişco M., **Culiţă J.**- The plan existence problem for a discrete event system- Proceedings of the 4th IFAC Conference on System Structure and Control CSS 1997, Bucuresti, Romania, 21-25 October 1997, pp. 185-188 ; ISBN:0-08-043023-6; WOS:000079976400027; https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E4C8sW FtjQWVf8jpRph&page=3&doc=23	2	0.250	16.25
	Total (A2.1)		22.69	459.74

A2.2	Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale [20/nr.autori]	Numar autori	Punctaj
1	**Culiţă J.**, Dumitraşcu A., Ştefănoiu D.- Real Time Monitoring and Forecasting of Ecological Processes (E), The 18-th International Conference on Control Systems and Computer Science, CSCS-18 (ISSN 2066-4451), Bucharest, Romania, pp. 34-40 (Vol. 1), May 25–28, 2011. [BDI: DBLP] https://arxiv.org/abs/1703.07162; https://arxiv.org/ftp/arxiv/papers/1703/1703.07162.pdf	3	6.67
2	Dumitraşcu A., Stefanoiu D., **Culiţă J.**, Tomita I.- Distributed System for Remote Monitoring and Control of Greenhouse Environment, The 18-th International Conference on Control Systems and Computer Science, CSCS-18 (ISSN 2066-4451), Bucharest, Romania, pp. 138-144 (Vol. 1), May 25–28, 2011. [BDI: DBLP] https://arxiv.org/abs/1703.07185 ; https://arxiv.org/ftp/arxiv/papers/1703/1703.07185.pdf	4	5.00
3	Ştefănoiu D., **Culiţă J.**, Ionescu F. - Fast Methods for Identification of Vibration Defects, "Politehnica" University of Bucharest Scientific Bulletin, C Series – Electrical Engineering (ISSN: 1454-2331), Vol. 71, No. 1, pp. 33–44, February 2009, [BDI: Scopus] , https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-60549110281&origin=resultslist&sort=plf-f&src=s&st1=Culita&st2=Janetta&nlo=1&nlr=50&nls=count-f&sid=359778cfea51e3d74b600ad9355688f8&sot=anl&sdt=aut&sl=36&s=AU-ID%28%22Culi%c5%a3%c7%8e%2c+Janetta%22+24437887100%29&relpos=16&citeCnt=0&searchTerm=	3	6.67
4	Ştefănoiu D., **Culiţă J.** - Kalman Filtering of Distributed Time Series, 17th Intl. Conf. on Control Systems and Computer Science, CSCS17, Bucharest, Romania, 26-29 Mai 2009, vol. 1, ISSN: 2066-4451, pp. 101-108. [BDI: DBLP] https://arxiv.org/abs/1703.07194;https://arxiv.org/ftp/arxiv/papers/1703/1703.07194.pdf	2	10.00
5	Caramihai S. I., Munteanu C. A., **Culiţă J.** – A decision support system for communication network analysis based on hybrid petri net models, Control Engineering and Applied Informatics, ISSN 1454-8658, vol 10, nr. 1, pp. 23-32, martie 2008. [BDI: DBLP] https://arxiv.org/abs/1703.10679	3	6.67
6	**Culiţă J.**, Ştefănoiu D., Ionescu F. -Semi-Empirical Methods for Bearings Diagnosis, "Politehnica" University of Bucharest Scientific Bulletin, C Series – Electrical Engineering (ISSN: 1454-2331), Vol. 70, No. 4, pp. 61–74, November 2008, [BDI: Scopus] https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-57149128474&origin=resultslist&sort=plf-f&src=s&st1=Culita&st2=Janetta&nlo=1&nlr=50&nls=count-f&sid=359778cfea51e3d74b600ad9355688f8&sot=anl&sdt=aut&sl=36&s=AU-ID%28%22Culi%c5%a3%c7%8e%2c+Janetta%22+24437887100%29&relpos=19&citeCnt=2&searchTerm=	3	6.67
7	Ştefănoiu D., **Culiţă J.** - Signal Compaction by Maximum Verisimilitude (E), "Politehnica" University of Bucharest Scientific Bulletin, C Series – Electrical Engineering (ISSN: 1454-2331), Vol. 70, No. 3, pp. 59–74, June 2008 , [BDI: Scopus] https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-46149114354&origin=resultslist&sort=plf-f&src=s&st1=Culita&st2=Janetta&nlo=1&nlr=50&nls=count-f&sid=359778cfea51e3d74b600ad9355688f8&sot=anl&sdt=aut&sl=36&s=AU-ID%28%22Culi%c5%a3%c7%8e%2c+Janetta%22+24437887100%29&relpos=17&citeCnt=2&searchTerm=	2	10.00
8	Caramihai S.I., Dumitrache I., Stanescu A.M., Munteanu C., **Culiţă J.** - Using Mobile Agent-based Techniques in Knowledge Management for Organisational Network Interoperability, Proceedings of the 4th IFAC Conference on Management and Control of Production and Logistics 2007 , ISBN 978-973-739-481-1, vol. I, pp. 203-208, 27-30, septembrie 2007, Sibiu, Romania, IFAC Papers Online IFAC Proceedings Volumes [BDI: Scopus]. https://www.sciencedirect.com/science/article/pii/S1474667015321662	4	5.00

9	Caramihai S.I., Dumitrache I., Stanescu A.M., **Culiţă J.** - A cooperative enterprise agent-based control architecture. In: Proceedings of 5th IFAC International Workshop DECOM-TT 2007, ISBN 978-975-01864-1-7., pp. 245-250, 17-20 May 2007, Cesme-Izmir, Turkey. [BDI: DBLP] https://arxiv.org/abs/1704.02935; https://arxiv.org/ftp/arxiv/papers/1704/1704.02935.pdf	4	5.00
10	**Culiţă J.**, Caramihai S.I, Munteanu C.- Hybrid Petri net Model based Decision Support System, 16th Conference on Control Systems and Computer Science, ISBN 978-973-718-741-3, pp. 107-112, 25-27 Mai 2007, Bucuresti, Romania. [BDI: DBLP] https://arxiv.org/abs/1703.07215; https://arxiv.org/ftp/arxiv/papers/1703/1703.07215.pdf	3	6.67
11	Stănescu A.M., **Culiţă J.**, Caramihai S.I - A new approach for hybrid technology based workflow management systems design - Proceedings of the 12th IFAC International Symposium on Information Control Problems in Manufacturing INCOM 2006, May 17-19 2006, Saint-Etienne, France; ISBN: 978-390266104-3, Volume 39, Issue 3, 2006, pp 385-390, Elsevier Ltd., Oxford UK. (IFAC-PapersOnline) , DOI:10.3182/20060517-3-FR-2903.00206 ; [BDI: Scopus], https://www.sciencedirect.com/science/article/pii/S1474667015359267IFAC Proceedings Volumes https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-79961196363&origin=resultslist&sort=plf-f&src=s&st1=Culita&st2=Janetta&nlo=1&nlr=50&nls=count-f&sid=359778cfea51e3d74b600ad9355688f8&sot=anl&sdt=aut&sl=36&s=AU-ID%28%22Culi%c5%a3%c7%8e%2c+Janetta%22+24437887100%29&relpos=22&citeCnt=0&searchTerm=	3	6.67
12	Stănescu A.M., **Culiţă J.**, Caramihai S.I - A new approach for hybrid technology based workflow management systems design, in : Information Control Problems in Manufacturing, Eds. Dolgui, A., Morel, G., 2006, ISBN: 978-0-08-044654-7, DOI: 10.1016/B978-008044654-7/50194-1, pp. 363-369. [BDI: Scopus]. https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-84878250501&origin=resultslist&sort=plf-f&src=s&st1=Culita&st2=Janetta&nlo=1&nlr=50&nls=count-f&sid=359778cfea51e3d74b600ad9355688f8&sot=anl&sdt=aut&sl=36&s=AU-ID%28%22Culi%c5%a3%c7%8e%2c+Janetta%22+24437887100%29&relpos=21&citeCnt=2&searchTerm=	3	6.67
13	Munteanu C.A., Stănescu A.M., Caramihai S.I., **Culiţă J.** – Algorithmic transition grouping for speed calculation in a time continuous Petri net, Buletinul Stiintific al UPB, ISSN 1454-2331, seria C, vol . 67, nr.4, pp. 73-80, 2005. [BDI: INSPEC D124-2006-004]	4	5.00
14	**Culiţă J.**, Caramihai S.I., Stanescu A.M.– Autonomous agent based control/supervision architecture for flexible manufacturing systems - Proceedings of the 2nd Manufacturing Control and Problem Logistics Conference MCPL 2000, ISBN 0 08 043621 8 vol. 2, pp. 837-842, 5-8 iulie 2000, Grenoble, Franta.[BDI: Inspec] Index INSPEC XX2001-02658.	3	6.67
	Total (A2.2)		**93.33**

A2.3.1	Proprietate intelectuala, brevete de inventie, certificate ORDA, internationale [35/nr.autori]	Nrumar autori	Punctaj
	Total (A2.3.1)		**0.00**

A2.3.2	Proprietate intelectuala, brevete de inventie, certificate ORDA, Nationale [20/nr.autori]	Numar autori	Punctaj
			0
	Total (A2.3.2)		**0.00**

A2.4.1.1	Granturi / proiecte internationale castigate prin competitie - Director de proiect [20 * ani in desfasurare]	Numar ani	Punctaj
	Total (A2.4.1.1)		**0.00**

A2.4.1.2	Granturi / proiecte nationale castigate prin competitie - Director de proiect [10 * ani in desfasurare]	Numar ani	Punctaj
1	Denumire : Dezvoltarea suportului formal necesar implementarii functiei de remediere a defectelor pentru celule de fabricatie. (2005) Numar contract : CNCSIS, AT, 27692/14.03.2005, cod CNCSIS **54**, tema nr. 1; http://old.uefiscdi.ro/UserFiles/File/Competitii%20derulate/REZULTATE_AT_2005_NOI.pdf	1	10
2	Dezvoltarea suportului formal necesar implementarii functiei de monitorizare pentru celule de fabricatie ", (2002-2003), – Faza I : Elaborarea unei metodologii unificate de modelare si detectie a defectelor in sisteme cu evenimente discrete, Numar contract : CNCSIS, AT 33784 / 23.07.2002, cod CNCSIS **185**, tema nr.6.; http://old.uefiscdi.ro/UserFiles/File/Competitii%20derulate/Rez_2002_AT.htm Faza II : Dezvoltarea suportului formal necesar implementarii functiei de diagnoza pentru sisteme flexibile de fabricatie, Numar contract : CNCSIS, AT 33552/ 1.07.2003 , cod CNCSIS **119**, tema nr. 17. http://old.uefiscdi.ro/UserFiles/File/Competitii%20derulate/Rez_2003_AT_finantate_continuari.pdf	2	20
	Total (A2.4.1.2)		30.00

A2.4.2.1	Granturi / proiecte internationale castigate prin competitie - Membru in echipa [4 * ani in desfasurare]	Numar ani	Punctaj
1	"Aide au diagnostic du cancer du sein par raisonnement à partir de cas et génie décisionnel " Numar contract : Brancusi, 14923WK.(2008-2010). Director proiect : prof.dr.ing.Mihai Caramihai Finantator: MEC	2	8
	Total (A2.4.2.1)		8.00

A2.4.2.2	Granturi / proiecte nationale castigate prin competitie - Membru in echipa [2 * ani in desfasurare]	Numar ani	Punctaj
1	PROMOFEC - Software Package for Ecological Phenomena Forecasting and Monitoring (2012) UEFISCDI, Romania. Cod: PROMOFEC-93CI/2012. Director proiect: Prof. dr.ing. Dan Stefanoiu, UPB	0.5	1
2	SIRIUS - Sistem de reglare a irigarii bazat pe monitorizarea umiditatii solului. (2012) PN-II-IN-CI-2012-1-0179. Director proiect: Conf. dr. ing. Dumitrascu Alexandru, UPB	0.5	1
3	Utilizarea tehnicilor bazate pe Agenti Mobili in Managementul Cunostintelor pentru Interoperabilitatea Retelelor Organizationale. (2007-2009) Grant A, cod CNCSIS 1125. Data 29.05.2007. Director proiect: Prof.dr.ing. Simona Caramihai, UPB. Autoritatea contractanta: CNMP.	2	4
5	TIMEOUT - Tehnici Inteligente pentru Modelarea, Analiza si Optimizarea Traficului Urban. (2007-2010). Numar contract: 7.1-108/14.09.2007 (PNC2). Director proiect: prof.dr.ing. Simona Caramihai, UPB. Autoritatea contractanta: CNMP.	3	6
6	ECO-TSFS-Sistem de Monitorizare Ecologica bazata pe Analiza de Sistem Timp-Frecventa-Scala-Proiect (PNC2). (2007-2010) Cod: ECO-TSFS-31050/2007. Director de proiect: prof.dr.ing. Ştefănoiu Dan, UPB. Autoritatea contractanta: CNMP.	3	6
7	UMAPID- Unitate Mobila pentru Achizitionarea Semnalelor, Prelucrare, Identificare si Diagnoza. (2007-2009). Proiect suportat de Agentia Manageriala de Cercetare Tehnologica si Inovatie. Cod: UMAPID-117/2007. Director de proiect: prof.dr.ing.Ştefănoiu Dan, UPB	2	4
8	TANACO - Tehnologii avansate pentru proiectarea si testarea echipamentelor de navigatie in medii complexe. PNCDI2 – Parteneriate 81022/2007 (2007-2010) Director proiect: Tiberius Tomoioaga, Responsabil UPB: Prof.dr.ing Aurelian Stanescu, Autoritatea contractanta: CNMP.	3	6

9	CASCADNET- Metode Si Software Pentru Calculul Si Definirea Configuratiei Aeronavelor Subsonice In Faza De Pre-Concept, Adaptate Lucrului Colaborativ In Intreprinderi Aeronautice Largite. (2007-2010). PNCDI2 – Parteneriate 81011/2007. Director proiect Mihai Neamtu, INCAS, Responsabil UPB Prof.dr.ing Ioan Dumitrache, Autoritatea contractanta: CNMP.	3	6
10	INTELCAN - Model integrativ de predicție a stării ganglionului santinelă şi a evoluției cancerului mamar sub tratament, prin utilizarea tehnicilor de inteligență artificială. (2007-2009). Numar contract : PN2 41-060 / 2007. Director proiect : prof.dr.ing.Mihai Caramihai, UPB	2	4
11	MEDINTEL - Inteligenta artificiala in analiza si diagnosticarea cancerului mamar. (2006-2008). Număr contract : CEEX 181 / 2006. Director de proiect: prof.dr.ing.Mihai Caramihai, Finantator: MEC	2	4
12	REMEDIU (REtea @-colaborativa pentru cercetarea efectelor poluantilor din *MEDIU* asupra sanatatii, in cadrul unor metasisteme complexe). (2006-2008) Nr contract 138/02.10.2006. Beneficiar: CEEX – INFOSOC. Director proiect: prof. dr. ing. A. M. Stănescu,UPB	3	6
13	Modelarea, analiza si sinteza politicilor de conducere pentru Sisteme Hibride. Faza I: Studiu asupra stadiului actual in domeniul instrumentelor formale utilizate pentru modelarea, analiza si sinteza sistemelor hibride. (2001-2003). CNCSIS, A nr 34967/2001, cod 91. Faza II Modelarea, analiza si sinteza politicilor de conducere pentru Sisteme Hibride- TEMA NR. 38 COD CNCSIS 770. Director proiect: prof.dr.ing. Simona Caramihai	2	4
14	FABRICATOR- Fabrica Virtuala bazata pe Agenti Inteligenti, Tehnologii Informatice orientate pe Obiecte si Retea de Multimodelare pentru Inginerie Concurenta. (1998-2000). Contract cu Banca Mondiala, nr. 44088/14.09.1998. . Director proiect: prof. dr. ing. A. M. Stănescu, UPB	3	6
15	Modele pentru sisteme de actiuni discrete - faza 1997 : Implementarea pe calculator a unor formalisme relationale pentru generarea automata a modelelor de tip retea cu evenimente discrete - Contract de cercetare cu MCT (nr. 836 ; 109613/1997). Director de proiect : prof. dr. ing. Tertişco Mihai, UPB	1	2
16	Controlul poluarii armonice in sistemele energetice prin sondaj aleator si analiza stochastica a datelor - Contract de cercetare cu Ministerul Invatamantului (1996-1997). Director de proiect : prof. dr. ing. Tertişco Mihai	2	4
17	Algoritmi pentru protectie si diagnosticare in sistemele energetice. Tendinte actuale in dezvoltarea locatoarelor de defect si releelor de distanta - Contract de cercetare cu Ministerul Invatamantului (1993-1994). Director de proiect : prof. dr. ing. Tertişco	2	4
	Total (A2.4.2.2)		**68.00**

A3	**Recunoasterea si impactul activitatii (A3)**	**176.53**

A3.1.1	**Citari in carti, reviste si volume ale unor manifestari stiintifice - carti, ISI [8/nr.autori citati]**	Nr. aut. art. citat	Punctaj

Stefanoiu D., **Culiță J.** - Multi-Variable Prediction of Physical Data , "Politehnica" University of Bucharest Scientific Bulletin, A Series – Applied Mathematics and Physics (ISSN: 1223-   7027), Vol. 72, No. 1, pp. 95-102, January 2010 citat de:

1	D. Stefanoiu, P. Borne, D. Popescu, F.G. Filip, A El Kamel)- Optimization in Engineering Sciences: Approximate and Metaheuristic Methods, John Wiley & Sons & ISTE Press, ISBN: 978-1-84821-498-9, London, U.K., December 2014.	2	4.00

Stănescu A.M., **Culiță J.**, Caramihai S.I - A new approach for hybrid technology based workflow management systems design - Proceedings of the 12th IFAC International Symposium on Information Control Problems in Manufacturing INCOM 2006, May 17-19 2006, Saint-Etienne, France; ISBN: 978-390266104-3, Volume 39, Issue 3, 2006, pp 385-390, Elsevier Ltd., Oxford UK. DOI:10.3182/20060517-3-FR-2903.00206, citat de:

1	Stanescu, A. M. ; Dumitrache, I ; Pouly, M ; Caramihai, SI ; Moisescu, MA -Towards A General Systems Theory Approach for Developing Concurrent Engineering Science, In: Complex Systems Concurrent Engineering, Loureiro G., Curran R. (eds), Springer, London, 2007, pp 3-10. WOS:000248899900001	3	2.67

Stefanoiu D., **Culiţă J.,** Ionescu F. - Prédire avec des Ondelettes Orthogonales (F), Revue Électronique des Sciences et Technologies de l'Automatique (eSTA), (ISSN: 1954-3522), Vol. 6, No. 2, Issue spéciale CIFA-2008, 2-ème partie, Papier #8 (10 pages), 2009, citat de:

1	D. Stefanoiu, P. Borne, D. Popescu, F.G. Filip, A El Kamel)- Optimization in Engineering Sciences: Approximate and Metaheuristic Methods, John Wiley & Sons & ISTE Press, ISBN: 978-1-84821-498-9, London, U.K., December 2014.	3	2.67

Culiţă J., A. Dumitrascu, D. Stefanoiu – Real-time Monitoring and Forecasting of Ecological Processes, Proceedings of 18th International Conference on Control Systems and Computer Science, May 24-27, Bucharest, Ed. Politehnica Press, ISSN 2066-4451, pp. 34-40, 2011, citat de:

1	Mocanu, M.; Muste, M.; Lungu, V.; Drobot, R.-Composite Application for Water Resource Management, Advances in Intelligent Systems and Computing, Volume: 187 Pages: 295-306, Published: 2013, DOI: 10.1007/978-3-642-32548-9, ISBN:978-3-642-32547-2, ISSN: 2194-5357, WOS:000312752500021	3	2.67

Dumitrascu A.,Stefanoiu D., **Culiţă J.** - Remote Monitoring and Control System for Environment, in Advances in Intelligent and Control Systems and Computer Science, pp. 223-234, Editor I.Dumitrache, Springer-Verlag, ISBN 978-3-642-32547-2, Berlin, 2013, WOS:000312752500016 citat de:

1	A Nugroho, T Okayasu, , T Hoshi, E Inoue, Y Hirai, M Mitsuoka, L Sutiarso- Development of a remote environmental monitoring and control framework for tropical horticulture and verification of its validity under unstable network connection in rural area, Computers and Electronics in Agriculture, Volume 124, June 2016, Pages 325–339. WOS:000377319800034, (Elsevier, Q1)	3	5.33
2	Dumitrascu Alexandru, Stefanoiu Dan, Tomita Ioan- 2. A New Challenge in Ecological Process Control Based on PLCs with Profinet Communication Protocol, The 19-th International Conference on Control Systems and Computer Science, CSCS 19 (ISBN 978 0 7685 4980 4, DOI 10.1109/CSCS.2013.83), Bucharest, Romania, pp. 285-288 (Vol. 1), May 27–29, 2013. WOS:000328493800043	3	2.67
3	Krapivin, V.F., Mkrtchyan, F.A., Soldatov, V.Y., Tovarnitchi, V.M.-An Expert System for the Aquatic Systems Investigation, Proccedings of the 21st International Conference on Control Systems and Computer Science (CSCS), May 29-31 2017, pp. 703-707, WOS:000449004400101	3	2.67
4	Nitu, C., Dobrescu, A.S., Krapivin, V.F., Mkrtchyan, F.A., Soldatov, V.Y.- Multi-Functional Informational - Instrumental Technology for the Hydrochemical Monitoring, Proccedings of the 21st International Conference on Control Systems and Computer Science (CSCS), May 29-31 2017, pp.715-720, WOS:000449004400103	3	2.67
5	Ruixin Shen, Qinyue Tan, Yingjun Wang-Development on Intellective Collecting Apparatus of Slope Monitoring Data with Human Machine Interaction, Wireless Personal Communications Volume: 102 Issue: 2 Pages: 2033-2045, September 2018, WOS:000450590500102	3	2.67
6	Redmond Ramin Shamshiri1* , Fatemeh Kalantari , K.C. Ting, Kelly R. Thorp, Ibrahim A. Hameed, Cornelia Weltzien, Desa Ahmad, Zahra Mojgan Shad - Advances in greenhouse automation and controlled environment agriculture: A transition to plant factories and urban farming, INTERNATIONAL JOURNAL OF AGRICULTURAL AND BIOLOGICAL ENGINEERING , Volume: 11 Issue: 1 Pp. 1-22, January 2018, WOS:000425030800001 (Q2)	3	5.33
7	Costica Nitu, A Dumitrascu, Vladimir F. Krapivin, Ferdenant A. Mkrtchyan, Vladimir Yu. Soldatov-Information-Modeling Instrumental System for the Water Resource Diagnostics, Proceedings of the 22nd International Conference on Control Systems and Computer Science (CSCS), May 2019, Bucharest, pp. 471-477, WOS:000491270300079	3	2.67
8	V. Tovarnitchi- Designing Distributed, Scalable and Extensible System Using Reactive Architectures, Proceedings of the 22nd International Conference on Control Systems and Computer Science (CSCS), May 2019, Bucharest, pp. 484-488, WOS:000491270300081.	3	2.67

Culiţă J., Stefanoiu D., Dumitrascu A.- EcoMonFor – A System for Greenhouses Monitoring and Forecasting, Proceedings of the Industrial Simulation Conference ISC-2011, Venice, Italy, June 6–8, 2011, pp. 262-269, ISBN:978-90-77381-63-2; WOS:000393442400040 citat de:

1	Dumitrascu Alexandru, Stefanoiu Dan, Tomita Ioan -A New Challenge in Ecological Process Control Based on PLCs with Profinet Communication Protocol, The 19-th International Conference on Control Systems and Computer Science, CSCS 19, Bucharest, Romania, pp. 285-288 (Vol. 1), May 27–29, 2013. WOS:000328493800043	3	2.67
2	D. Stefanoiu, P. Borne, D. Popescu, F.G. Filip, A El Kamel)- Optimization in Engineering Sciences: Approximate and Metaheuristic Methods, John Wiley & Sons & ISTE Press, ISBN: 978-1-84821-498-9, London, U.K., December 2014.	3	2.67
3	Dumitraşcu, A., Ştefănoiu, D.- A distributed control system for greenhouse environment applications - 12th International Multidisciplinary Scientific GeoConference and EXPO - Modern Management of Mine Producing, Geology and Environmental Protection, SGEM 2012 , pp. 5-12. WOS:000348536400002	3	2.67

Culiță J., Stefanoiu D., Ionescu F.- Simulation Models of Defect Encoding Vibrations, Control Engineering and Applied Informatics (CEAI) Journal (ISSN: 1454-8658), Vol. 9, No. 2, pp. 59–67, June 2007, citat de:

1	Simone Cinquemani, Carlo Gorla, Francesco Rosa, Edoardo Sabbioni and Emanuele Osto- A Multi-Body Model of a Mechanical Transmission to Simulate Failures on Bearings, ASME 2014 12th Biennial Conference on Engineering Systems Design and Analysis, Volume 3: Engineering Systems; Heat Transfer and Thermal Engineering; Materials and Tribology; Mechatronics; Robotics, Copenhagen, Denmark, July 25–27, 2014. WOS WOS:000361407000065;	3	2.67
2	Betea B., Dobra P, Trusca M, Tomesc L.-Simulation model of the bearings with defects, Proceedings of the IEEE International Conference on Automation Quality and Testing Robotics (AQTR), 24-27 May 2012, pp.249-254. WOS WOS:000400227100045;	3	2.67
3	Ibrahim Rehab, Xiange Tian, Fengshou Gu- A study of diagnostic signatures of a deep groove ball bearing based on a nonlinear dynamic model, 21st International Conference on Automation and Computing (ICAC), 11-12 Sept. 2015, Glasgow, England, pp. 209-215, WOS:000380609400036	3	2.67

Munteanu C., Caramihai M., **Culiță J.** - Modular Approach Based Decision Support for Communication Systems, Proceedings of 5th Industrial Simulation Conference ISC 2007, Delft, Nederland, 11-13 iunie 2007, pp. 345-349, ISBN 978-90-77381-34-2. WOS:000255638100051, citat de:

1	David R., Alla H. -Discrete, Continuous, and Hybrid Petri Nets, Second Edition, 2010, 550 pp, Springer, NewYork, US, WOS:000273828900008	3	2.67
2	Munteanu, C., Caramihai, S., Odubășteanu, C., Antonescu, F.-Implementation of decision support systems for communication systems - Proceedings of the 6th International Industrial Simulation Conference 2008, ISC 2008, pp. 194-198 WOS:000263829300029;	3	2.67
3	Munteanu C., Caramihai, S., Odubasteanu, C., Antonescu, F. Development of decision support system modeled with hibrid Petri Nets-Munteanu, - WMSCI 2008 - The 12th World Multi-Conference on Systemics, Cybernetics and Informatics, Jointly with the 14th International Conference on Information Systems Analysis and Synthesis, ISAS 2008 - Proc.4, pp. 173-178, WOS:000264003300038	3	2.67

Culiță J., Stefanoiu D., Ionescu F. -Semi-Empirical Methods for Bearings Diagnosis, "Politehnica" University of Bucharest Scientific Bulletin, C Series – Electrical Engineering (ISSN: 1454-2331), Vol. 70, No. 4, pp. 61–74, November 2008, citat de:

1	Li, G., Huang, Y., Lin, Y. - Stability analysis of running-in system based on Nyquist curve of friction vibration- Tribology International, 60, pp. 209-215, 2013 **(Q1)** WOS:000315550700027	3	5.33

Dumitrascu A., Istratescu C. S., Stefanoiu D., **Culiță J.**-Environment Communication and Control Systems Integrated on Teaching Platforms – Case Study: Double Water Tank System , The 20-th International Conference on Control Systems and Computer Science, CSCS-20 (ISBN 978 1 4799 1779 2), 27-29 May 2015, Bucharest, Romania, pp. 941-945 (Vol. 2), WOS:000380375200138; citat de :

1	Xiangshun Li and Zhiang Li -The Application of Linear and Nonlinear Water Tanks Case Study in Teaching of Process Control, IOP Conference Series Earth and Environmental Science 113(1), december 2018, Harbin, China, Article Number: 012165, WOS:000454980400165	4	2.00

Culiță J., Stefanoiu D., Dumitrascu A.- ASTANK2: Analytical Modeling and Simulation, The 20-th International Conference on Control Systems and Computer Science, CSCS-20 (ISBN 978 1 4799 1779 2), 27-29 May 2015, Bucharest, Romania, pp. 141-148 (Vol. 1), WOS:000380375200020; citat de:

1	Wu Ming Hung, Iulia Stamatescu, C. Dragana, N. Paraschiv- Comparison of model reference adaptive control and cascade PID control for ASTank2, 9th IEEE Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications (IDAACS), 2017, WOS:000425870400105	3	2.67

Stefanoiu D., **Culiță J.** - Kalman Filtering of Distributed Time Series, 17th Intl. Conf. on Control Systems and Computer Science, CSCS17, Bucharest, Romania, 26-29 Mai 2009, vol. 1, ISSN: 2066-4451, pp. 101-108. citat de:

1	L. Gliga, C. Houcine, D Popescu, C Lupu- Comparison of State Estimators for a Permanent Magnet Synchronous Generator 2018 22nd International Conference on System Theory, Control and Computing (ICSTCC), oct. 2018, Sinaia, Romania, pp. 474-479 - WOS:000465109800078	2	4.00

Culiță J., Caramihai S.I, Munteanu C.- Hybrid Petri net Model based Decision Support System, 16th Conference on Control Systems and Computer Science, ISBN 978-973-718-741-3, pp. 107-112, 25-27 Mai 2007, Bucuresti, Romania, citat de:

1	Zacharenia Garofalaki,Dimitris Kallergis,George Katsikogiannis, Christos Douligeris- A DSS model for IoT-based intelligent transportation systems, Conference: 2017 IEEE International Symposium on Signal Processing and Information Technology (ISSPIT) , Bilbao, Spain, december 2017, pp. 276-281, WOS:000437165400050	3	2.67

Caramihai S.I., Dumitrache I., Stanescu A.M., **Culiţă J.** - A cooperative enterprise agent-based control architecture. In: Proceedings of 5th IFAC International Workshop DECOM-TT 2007, ISBN 978-975-01864-1-7., pp. 245-250, 17-20 May 2007, Cesme-Izmir, Turkey. citat de:

1	BingbingQiu, GuofengWang, YunshengFan, DongdongMu, XiaojieSun-Adaptive LOS Path Following based on Trajectory Linearization Control for Unmanned Surface Vehicle with Multiple Disturbances and Input Saturation, Control Engineering and Applied Informatics, June 2019 pp76-87, WOS:000489234700008	4	2.00

Culiţă J., Ştefănoiu D. – Modelare analitică şi experimentală, Editura Printech, 2008, 230 pp., ISBN 978-973-718-987-5, citat de:

1	Gliga, LI; Chafouk, H ; Popescu, D ; Lupu, C , MECHANICAL SYSTEMS AND SIGNAL PROCESSING (Q1) 2019, Volume: 131, pp: 381-393, WOS:000487008600021.	2	8.00

Stefanoiu D., **Culiţă J.**, Ionescu F.- Vibration Fault Diagnosis through Genetic Matching Pursuit Optimization, Soft Computing, 23(17), pp. 8131-8157, 2019. WOS:000486914400039. citat de:

1	Xiaofei Zhang, Juncheng Geng, Hao Liu, Shuangxia Niu and Wandeng Mao, Jianwei Ma- A hybrid service selection optimization algorithm in internet of things, EURASIP Journal on Wireless Communications and Networking 2021(1), WOS :000610104600004;	3	2.67
2	Chin C.H., Abdullah S., Singh S.S.K., Ariffin K, Schramm D.- Computing low-frequency vibration energy with Hölder singularities as durability predictive criterion of random road excitation, Soft Computing (Q2) , 25, pp.6469–6487(2021) feb. 2021 WOS:000617848800002.	3	5.33

Culiţă J. ,Caramihai S.I., Dumitrache I., Moisescu M.A., Sacala I.S- An Hybrid Approach for Urban Traffic Prediction and Control in Smart Cities, Sensors 20(24) , 7209, 2020, WOS:000603219900001; citat de:

1	Yuan Yang, Jingjie Yan, Jing Guo, Yujin Kuang, Mingyang Yin, Shiniu Wang and Caoyuan Ma - Driving Behavior Analysis of City Buses Based on Real-Time GNSS Traces and Road Information, Sensors (Q1/Q2) Feb 2021 , paper 687. WOS:000615511600001	5	3.20

Caramihai S. I., Munteanu C., **Culiţă J.** – A decision support system for communication network analysis based on hybrid petri net models, Control Engineering and Applied Informatics, ISSN 1454-8658, vol 10, nr. 1, pp. 23-32, March 2008. citat de:

1	D.Puiu, F.Moldoveanu, C.Suciu- The time delay control of a CAN network based on dynamic scheduling algorithm, Proceedings of 2010 International Conference on Automation Quality and Testing Robotics (AQTR), 28-30 May 2010, Cluj Romania, WOS:000419281500039	3	2.67
2	D.Puiu, F.Moldoveanu S. Ryvkin-The synchronous control of nodes and the message time delays estimation for a CAN network, Proceedings of the 12th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), 2010 WOS:000291967300116	3	2.67

Culiţă J., Caramihai S.I., Stanescu A.M.– Monitoring of the desynchronizing dysfunctions in flexible manufacturing systems - Proceedings of the 9th IFAC Symposium on Large Scale Systems: Theory and Application, Index ISI, ISSN 0962-9505, ISBN 0-08-043691-9, pp. 505-510, 18-20 iulie 2001, citat de:

1	C.D. Simon, Y. Pascal-Time window specification and validation with Petri Nets- Published in: Emerging Technologies and Factory Automation, Proceedings. ETFA 2003, IEEE Conference, WOS:000189406100032;	3	2.67
2	S. Collart Dutilleul ; F. Defossez ; P. Bon- Safety requirements and p-time Petri nets: A Level Crossing case study- Computational Engineering in Systems Applications, IMACS Multiconference on, Beijing, Publication Year: 2006, Page(s):1118 - 1123 , WOS:000244084601005;	3	2.67

Ştefănoiu D., **Culiţă J.**, Stoica P. – Fundamentele Modelării şi Identificării sistemelor, Editura Printech, 2005, 330 pag., ISBN : 973-718-368-1, citat de:

1	P Borne, D Popescu, FG Filip, D Stefanoiu-Optimization in Engineering Sciences: Exact Methods , John Wiley & Sons & ISTE Press (ISBN: 978–1–84821–432–3), London, U.K., 2013.	3	2.67

		Nr. aut. art. citat	Punctaj
2	D Stefanoiu, P Borne, D Popescu, FG Filip, A El Kamel- Optimization in Engineering Sciences: Approximate and Metaheuristic Methods, John Wiley & Sons & ISTE Press, ISBN: 978-1-84821-498-9, London, U.K., December 2014;	3	2.67
3	Borne Pierre, Popescu Dumitru, Filip Florin Gh., Stefanoiu Dan- Optimisation en sciences de l'ingénieur – Méthodes exactes, 350 pages, Hermès Science & Lavoisier Press, Série Systèmes Automatisés (ISBN: 978–2–7462–3897–8), Paris, France, March 2013;	3	2.67
4	C.Radulescu, A. Voda, D. Stefanoiu-Aberration Correction Techniques in Imaging Systems Using Adaptive Optics for Fluorescence Microscopy, The 20-th International Conference on Control Systems and Computer Science, CSCS-20, Bucharest, Romania, pp. 121-126 (Vol. 1), May 27–29, 2015.WOS:000380375200017;	3	2.67
5	Silviu Medianu, Dumitru Popescu, Laurent Lefevre, Ciprian Lupu-Identification of a Distributed Parameters System for Thermo-Energetic Applications, 17th International Conference on System Theory, Control and Computing – ICSTCC 2013, October 11 - 13, 2013, Sinaia, ROMANIA, pp. 349-355, WOS:000330660500056;	3	2.67
6	Petrescu C., Stefanoiu D., Lupu C., - Motion estimation in 2D-DCT transform domain, WSEAS ICAI'08, The 9th International Conference on Automation and Information, 24-26 June 2008, Bucharest, Romania, pp. 499-504, ISBN 978-960-6766-77-0, ISSN 1790-5117, WOS:000258497000084;	3	2.67
7	D Popescu, A Gharbi, D Stefanoiu, P Borne- Process Control Design for Industrial Applications, 2017, Wiley ; ISBN:9781786300140	3	2.67
	Total (A3.1.1)		**129.87**

A3.1.2	Citari in carti, reviste si volume ale unor manifestari stiintifice - BDI [4/nr.autori citati]	Nr. aut. art. citat	Punctaj
	Culiţă J., Stefanoiu D., Ionescu F.- Simulation Models of Defect Encoding Vibrations, Control Engineering and Applied Informatics (CEAI) Journal (ISSN: 1454-8658), Vol. 9, No. 2, pp. 59–67, June 2007, citat de:		
1	Betea B., Dobra P, Trusca M- Simplified mathematical model of the bearings with defects, 16th International Conference on System Theory, Control and Computing (ICSTCC), 2012, INSPEC Accession Number: 13175101;	3	1.33
2	Simone Cinquemani, Francesco Rosa, Emanuele Osto- Model Based Training of a Gearbox Condition Monitoring System, , International Journal of Applied Engineering Research ISSN 0973, 4562 Volume 11, Number 18 (2016) pp. 9594-9603 (Scopus) https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-84992436552&origin=resultslist&sort=plf-f&src=s&sid=b75de837df8e0a8c5931299f7cdaa9f7&sot=b&sdt=b&sl=76&s=TITLE-ABS-KEY%28Model+Based+Training+of+a+Gearbox+Condition+Monitoring+System%29&relpos=13&citeCnt=0&searchTerm=	3	1.33
	Stănescu A.M., Culiţă J., Caramihai S.I - A new approach for hybrid technology based workflow management systems design - Proceedings of the 12th IFAC International Symposium on Information Control Problems in Manufacturing INCOM 2006, May 17-19 2006, Saint-Etienne, France; ISBN: 978-390266104-3, Volume 39, Issue 3, 2006, pp 385-390, Elsevier Ltd., Oxford UK. (IFAC-PapersOnline) , DOI:10.3182/20060517-3-FR-2903.00206 , citat de:		
1	Stanescu A, Dumitrache I, Caramihai S, Moisescu M. -Towards interoperability -based collaborative research to support "environment & health", 2007 IEEE International Technology Management Conference (ICE), INSPEC Accession Number: 15938822, 4-6 iunie 2007 ; extras.springer.com	3	1.33
2	Aurelian Mihai Stanescu. Ioan Dumitrache, Ioana Mihu., Mihnea Moisescu., Monica Voinescu. Stefan Sacala- CROSSDOMAIN "ENVIRONMENT – HEALTH" INTEROPERABLE METASYSTEM, IFAC MCPL 2007 September 27-30, Sibiu - Romania, pp229-234; INSPEC IFAC MCPL 2007, pp229-234; https://www.sciencedirect.com/science/article/pii/S1474667015321704	3	1.33
	Culiţă J., Caramihai S.I., Stanescu A.M.– Monitoring of the desynchronizing dysfunctions in flexible manufacturing systems - Proceedings of the 9th IFAC Symposium on Large Scale Systems: Theory and Application, Index ISI, ISSN 0962-9505, ISBN 0-08-043691-9, pp. 505-510, 18-20 iulie 2001, Bucuresti, Romania. citat de:		
1	Collart Dutilleul S, Craye E- Performance and tolerance evaluation with respect to forbidden state, . – IFAC Fault Detection, Supervision and Safety Technical Processes, Washington DC, 2003, Volume 36, Issue 5, June 2003, Pages 75-80 . Elsevier https://www.sciencedirect.com/science/article/pii/S147466701736473X	3	1.33

Ştefănoiu D., **Culiţă J.**, Stoica P. – Fundamentele Modelării şi Identificării sistemelor, Editura Printech, 2005, 330 pag., ISBN : 973-718-368-1, citat de:

1	Petrescu Catalin-Dumitru, Dan Stefanoiu, Ciprian Lupu -Performance Evaluation of Motion Estimation in DCT Transform Domain, WSEAS TRANSACTIONS on SIGNAL PROCESSING, nr. 6, vol. 4, June 2008, pp. 371-380, ISSN 1790-5052, Scopus, https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-52349120462&origin=resultslist&sort=plf-f&src=s&sid=471e7f70ad22a22c7ac31f41492ccfef&sot=b&sdt=b&sl=82&s=TITLE-ABS-KEY%28Performance+Evaluation+of+Motion+Estimation+in+DCT+Transform+Domain%29&relpos=0&citeCnt=3&searchTerm=	3	1.33
2	Lupu, C., Petrescu, C- Optimization solution for multiple model control structures, Journal of Electrical and Electronics Engineering, Volume 5, Issue 1, May 2012, Pages 121-126, ISSN: 1844-6035. Scopus https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-84866258992&origin=resultslist&sort=plf-f&src=s&st1=Petrescu&st2=Catalin&nlo=1&nlr=20&nls=count-f&sid=3316f3dd5dafe09f6cec17084e166125&sot=anl&sdt=aut&sl=46&s=AU-ID%28%22Petrescu%2c+C%c7%8et%c7%8elin+Dumitru%22+24344625300%29&relpos=19&citeCnt=0&searchTerm=	3	1.33
3	Florea, G.; Lupu, C.-A software platform for real time data acquisition, system identification and control of a multivariable process, Systems and Computer Science (ICSCS), 2013 2nd International Conference on , vol., no., pp.62-67, 26-27 Aug. 2013, doi: 10.1109/IcConSCS.2013.6632024, https://ieeexplore.ieee.org/document/6632024	3	1.33
4	Medianu Silviu Octavian, Lefèvre Laurent, Stefanoiu Dan-Identifiability of Linear Lossless Port-Controlled Hamiltonian Systems, The 2nd International Conference on Systems and Computer Science, ICSCS-2013 (ISBN: 978-1-4799-2021-1), IEEE-Explore indexed, Lille, France, pp. 56–61, August 26-27, 2013, https://ieeexplore.ieee.org/document/6632023	3	1.33
5	Medianu Silviu Octavian, Stefanoiu Dan-Study on the Identification of a System with Distributed Parameters Represented by a Heat Exchanger Using Open-Loop Recursive Techniques, The 2nd International Conference on Systems and Computer Science, ICSCS-2013 (ISBN: 978-1-4799-2021-1), Lille, France, pp. 26–31, August 26-27, 2013. ; https://ieeexplore.ieee.org/document/6632018	3	1.33
6	Stefanoiu Dan, Landau I.D., Cornoiu M-Identification of an Active Suspension in the Presence of Narrow Band Disturbances, IFAC Conference on Management and Control of Production Logistics MCPL-2010, Coimbra, Portugal, paper #63, September 8–10, 2010, IFAC Proceedings Volumes 43(17):287-293 https://www.sciencedirect.com/science/article/pii/S1474667016309156?via%3Dihub DOI: 10.3182/20100908-3-PT-3007.00063	3	1.33
7	Lupu, C. , Petrescu, C. , Ţiclea, A. , Dimon, C. , Udrea, A. , Irimia, B., Multi-model system with nonlinear compensator blocks, UPB Scientific Bulletin, Series C: Electrical Engineering, Volume 70, Issue 4, 2008, Pages 97-114, ISSN 1454-234x, https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-57149129171&origin=resultslist&sort=plf-f&src=s&sid=377b278437eb4ecceac6c9a76548c50d&sot=b&sdt=b&sl=67&s=TITLE-ABS-KEY%28Multi-model+system+with+nonlinear+compensator+blocks%29&relpos=0&citeCnt=3&searchTerm=	3	1.33
8	Medianu, S. , Popescu, D. , Ciprian, L., Sensitivity study of the open loop identification methods based on the whitening of the prediction error, 2012 16th International Conference on System Theory, Control and Computing, ICSTCC 2012; Sinaia;12 -14 October 2012, pp. 1-6 2012https://ieeexplore.ieee.org/document/6379300	3	1.33

Culiţă Janetta, Stefanoiu Dan- Modelare analitică şi experimentală, Editura Printech, ISBN 978-973-718-987-5, 230 pp., citat de:

1	Petru Junie , Octav Dinu , Cristian Eremia , Dan Stefanoiu , Catalin Petrescu , Ioan Savulescu- A WSN Based Monitoring System for Oil and Gas Transportation through Pipelines, Proceedings of the 14th IFAC Symposium on Information Control Problems in Manufacturing Bucharest, Romania, May 23-25, 2012, pp 1796-1801. Scopus, https://www.sciencedirect.com/science/article/pii/S1474667016334115	2	2.00

Dumitrascu Alexandru, Stefanoiu Dan, **Culiţă** Janetta - Remote Monitoring and Control System for Environment, in Advances in Intelligent and Control Systems and Computer Science, pp. 223-234, Editor I.Dumitrache, Springer-Verlag, ISBN 978-3-642-32547-2, Berlin, 2013, citat de:

1	Nugroho, A.P. , Okayasu, T., Inoue, E., Hirai, Y., Mitsuoka, M.-Development of actuation framework for agricultural informatization supporting system, authors: IFAC Proceedings Volumes IFAC-Papers, Vol. 1, Issue part 1, 2013 IFAC Bio-Robotics Conference, IFAC BioRobotics 2013, Sakai, Japan, 27-9 March 2013; Code 103241, Scopus ; https://www.sciencedirect.com/science/article/pii/S1474667016335327	3	1.33

Stefanoiu Dan, **Culiţă** Janetta - Signal Compaction by Maximum Verisimilitude (E), "Politehnica" University of Bucharest Scientific Bulletin, C Series – Electrical Engineering (ISSN: 1454-234x), Vol. 70, No. 3, pp. 59–74, June 2008 , citat de:

1	Sărăcin, C.G., Sărăcin, M., Dascălu, M., Lepar, A.-M.- Echo cancellation using the LMS algorithm- , 2009 Source of the DocumentUPB Scientific Bulletin, Series C: Electrical Engineering, 71 (4), pp. 167-174 , https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-72849125714&origin=resultslist&sort=plf-f&src=s&st1=Saracin&st2=C&nlo=1&nlr=20&nls=count-f&sid=95b3624f69f8b69b8353a537432684a5&sot=anl&sdt=aut&sl=47&s=AU-ID%28%22S%c9%99r%c9%99cin%2c+Cristina+Gabriela%22+35300446000%29&relpos=16&citeCnt=3&searchTerm=	2	2.00

Stefanoiu D., **Culiţă J.**, Ionescu F.- Vibration Fault Diagnosis through Genetic Matching Pursuit Optimization, Soft Computing, 23(17), pp. 8131-8157, 2019. WOS:000486914400039. citat de:

1	Jalel Khelil, Messaoud Ramdani, Khaled Khelil, Nadir Boutasseta- Bearing Faults Diagnosis Using Discrete Wavelets and Artificial Intelligence Approaches, December 2019 Conference: 2019 1st International Conference on Sustainable Renewable Energy Systems and Applications (ICSRESA)At: December 04-05, 2019, Tebessa, Algeria https://ieeexplore.ieee.org/document/9182516	3	1.33

Stefanoiu Dan, **Culiţă J,** Stanasila O. HYRON – An Installation to Produce High Purity Hydrogen and Soft Iron Powder from Cellulose Waste-Materials, vol. 12, nr 9, 2019, nr. 1538

1	Asep Bayu Dani Nandiyantoa, Muhammad Irfansyah Maulanaa, Jarot Raharjob, Yayan Sunaryaa, Asnul Dahar Minghat -Techno-economic analysis for the production of LaNi5particles, 2020 Communications in Science and Technology 5(2):70-84 - https://cst.kipmi.or.id/journal/article/view/195 Index Scopus	3	1.33
2	Novandri Tri Setioputro, Deny Poniman Kosasih , Ronald Sukwadi, Widodo Widjaja Basuki-. The Cooling System Design of Biomass Gasification in DirectFlow Reactor, Journal of Mechanical Engineering Research and Developments ISSN: 1024-1752 CODEN: JERDFO Vol. 44, No. 1, pp. 207-214 Published Year 2021, Scopus https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-85102721769&origin=resultslist&sort=plf-f&src=s&sid=69a5f199cd0f630671370b7007b8ffe0&sot=b&sdt=b&sl=87&s=TITLE-ABS-KEY%28The+Cooling+System+Design+of+Biomass+Gasification+in+Direct+Flow+Reactor%29&relpos=0&citeCnt=0&searchTerm=	3	1.33
Total (A3.1.2)			**26.67**

A3.2.1	Prezentari invitate in plenul unor manifestari stiintifice internationale si profesor invitat [10p/activitate]	Punctaj
Total (A3.2.1)		**0.00**

A3.2.2	Prezentari invitate in plenul unor manifestari stiintifice nationale si profesor invitat [5p/activitate]	Punctaj
Total (A3.2.2)		**0.00**

A3.3.1	Membru in colectivele de redactie sau comitete stiintifice al revistelor, organizator de manifestari stiintifice, internationale indexate ISI [10p]	Punctaj
1	Membru in colectivul de redactie al revistei Control Engineering and Applied Informatics (IF=0.973)	10

2	Stefanoiu Dan, Culita Janetta (editors)-EUROMEDIA'2012 – Seventeenth Annual Scientific International Conference on WEB Technology, New Media, Communications, and Telematics Theory, Methods, Tools and Applications, Bucharest, Romania, April 18-20, 2012 (E) (120 pages), EUROSIS-ETI Press (ISBN: 978 90 77381 69 4), https://www.eurosis.org/cms/files/proceedings/EUROMEDIA/COVER/EUROMEDIA2012Cover.pdf	10
	Total (A3.3.1)	**20.00**

A3.3.2	Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, indexate BDI [6p]	Punctaj
	Total (A3.3.2)	**0.00**

A3.3.3	Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari	Punctaj
		0
	Total (A3.3.3)	**0.00**

A3.4.1	Premii in domeniu - Academia Romana, ASTR, academii de ramura, premii internationale [15p]	Punctaj
	Total (A3.4.1)	**0.00**

A3.4.2	Premii in domeniu - premii nationale in domeniu [5p]	Punctaj
		0
	Total (A3.4.2)	**0.00**