

# UNIVERSITATEA POLITEHNICA DIN BUCURESTI

## FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR DE PROFESOR

**Prof. dr. ing. ULMEANU Anatoli Paul**

Departamentul de Producere și Utilizarea Energiei, Facultatea de Energetică

Condiții	Îndeplinire condiții	
<b>A. Doctor</b>	Diploma de Doctor inginer seria P nr. 0000877 din 2.9.1997 emisa de Universitatea POLITEHNICA din București	
<b>B. Îndeplinirea standardelor minime naționale conform OMECTS nr. 6560/20.12.2012; MO, I, 890 si 890bis/27.12.2012</b>	Standarde indeplinite, conform Comisiei CNATDCU Nr.10, <b>Inginerie Energetică</b> Anexată: Fișa de calcul si de sustinere a indeplinirii standardelor minime specifice domeniului, in acord cu realizarile mentionate:	
<b>Condiții minimale [Punctaj]</b>	<b>Minim prevăzut</b>	<b>Realizat</b>
A1. Activitatea didactică și profesională	80	175,6
A2. Activitatea de cercetare	300	521,9
A3. Recunoașterea și impactul activității	60	146,4
<b>TOTAL (A)</b>	<b>440</b>	<b>843,9</b>
<b>Condiții minimale obligatorii pe subcategorii [Număr]</b>	<b>Minim prevăzut</b>	<b>Realizat</b>
A.1.1.1. Cărți și capitole în cărți de specialitate	4/din care 1 prim autor	<b>5/1 prim autor</b>
A.1.2.1. Manuale/suport de curs inclusiv electronic	2/ din care 1 prim autor	<b>5/1 prim autor</b>
A.1.2.2. Îndrumare de laborator / aplicații	2/ din care 1 prim autor	<b>2/1 prim autor</b>
A. 2.1 Articole în reviste cotate și în proceedings indexate ISI Thomson Reuters	8	9
A. 2.2. Articole în reviste și în volume ale unor manifestări științifice indexate în alte baze de date internaționale	15	18
A. 2.4. Granturi/proiecte câștigate prin competiție (director / responsabil)	2	<b>5, din care</b> 2 director de proiect (2 internaționale) 3 responsabil UPB (3 naționale)
<b>C. Atestarea studiilor (diploma + Foi Matricole) si a altor realizari profesionale</b>	<b>Diploma de Inginer</b> , în profilul Energetic, specializarea Energetică, Seria E nr. 7617 eliberata in 26.11.1987 sub nr. 4142 emisă de Institutul Politehnic din București & Anexa la diplomă nr. E 7617/4142/26.XI.1987	

Subsemnatul Ulmeanu Anatoli Paul, profesor universitar la Departamentul de Producere și Utilizarea Energiei, Facultatea de Energetică declar pe propria răspundere, cunoscând prevederile art. 292 privind falsul în declarații, din Legea 286/2009 - Codul Penal, că sunt indeplinite toate Standardele minime prevazute de Metodologia UPB 2013 pentru inscrierea la concurs [Secțiunea II.3], OMECTS 6560/2012 și OMEN nr. 4204/15.07.2013 [C + P], în momentul înscrierii pentru abilitare și susțin veridicitatea informațiilor prezentate în dosar și în materialul de mai sus. Lucrarile considerate a fi incluse în Baza ISI Thomson Reuters sau în alte Baze de Date Internaționale [BDI] sunt vizibile în aceste baze, în dreptul numelui candidatului, la aceasta data.

**Candidat,**

Prof.dr.ing. Anatoli Paul ULMEANU

*AP Ulmeanu*

**Data**

04/05/2016

<b>A1.</b>	<b>175.64</b>
<b>1.1.</b>	<b>132.75</b>
<b>1.1.1.</b>	<b>89.16</b>
<b>1.1.1.1.</b>	
A.P. Ulmeanu, V.S. Barbu, A. Budu – Improving the Fault Tree Analysis with Uncertainty for the Assessment of Power Systems Dependability, in Statistical, Stochastic and Data Analysis Methods and Applications, Eds. Alex Karagrigoriou, Teresa Oliveira and Christos Skiadas, publisher: ISAST: International Society for the Advancement of Science and Technology, ISBN: 978-618-5180-07-2, e-ISBN: 978-618-5180-09-6, pp. 63-82, 2015	<b>3.33</b>
M. Bouissou, A. P. Ulmeanu – Two computational methods for performing availability analysis of power-systems, in SAFETY AND RELIABILITY of INDUSTRIAL PRODUCTS, SYSTEMS AND STRUCTURES, Taylor & Francis Engineering Publisher, CRC Press, ISBN 978-0-415-66392-2, pp. 321-331, 2010, ISBN 978-0-415-66392-2, 2010, Accession Number: WOS:000287169700027, Book DOI: 10.1201/b10572	<b>1.67</b>
A.P. Ulmeanu, D.C. Ionescu, C.G. Prodan, H.I. Petcu, M. Dumitrescu, A.R. Budu – Bazele fiabilitatii in energetica (220pag.)- Editura Matrix 2007, ISBN 978-973-755-186-3	<b>7.33</b>
<b>1.1.1.2.</b>	
Badea, A., Stan, M., Pătrașcu, R., Necula, H., Ulmeanu A.P. s.a., Bazele termoenergeticii. Editura Bren. București, 2004, 297 pg. ISBN: 973-648-225-1	7.43
M. Dumitrescu, A.P. Ulmeanu. Galați : Editura Fundației Universitare "Dunărea de Jos" din Galați, 2002 (210 pp) ISBN 973-8352-65-7	21.00
D. M. Paunescu, C. Mucichescu, A.P. Ulmeanu, M. Stein - Sisteme de protecție si automatizări - Dicționar explicativ pentru științele exacte (95p) - Editura Academiei Romane 2004, ISBN 973-27-1147-7	4.75
D.C. Ionescu, G. Darie, A.P. Ulmeanu, V. Cenușă – Centrale Termoelectrice Performante, Editura AGIR (217p), ISBN 973-720-105-1, Bucuresti 2007	10.85
M. Dumitrescu, A.P. Ulmeanu - Techniques mathematiques pour les ingenieurs. Statistique et probabilite (266 pp.), Editura Academica, 1999, ISBN 973-98858-4-5	26.60
Drenkard, S., Darie, G., Ulmeanu A.P., ș.a. Managementul Mediului în Centralele Termoelectrice, Editura Matrix , București, 1999, 321 pg. ISBN: 973-685-014-5	4.01
G. Dragan (coordonator) si colectiv - Dicționar explicativ pentru stiinta si tehnologica; Electroenergetica. Editura Academiei Romane 2019, 1123 pg., ISBN: 978-973-27-1914-5	2.19
<b>1.1.2.</b>	<b>43.59</b>
<b>1.1.2.1.</b>	
E. Zio, A.P. Ulmeanu (Editors) IEEE Integration of Stochastic Energy in Power Systems, ISBN: 978-1-4799-1511-8, 2013	0.70
<b>1.1.2.2.</b>	

<b>1.2.</b>	<b>32.89</b>
<b>1.2.1.</b>	<b>23.67</b>
A.P. Ulmeanu, D.C. Ionescu, C.G. Prodan, H.I. Petcu, M. Dumitrescu, A.R. Budu – Bazele fiabilitatii in energetica (220pag.)- Editura Matrix 2007, ISBN 978-973-755-186-3	3.67
Ulmeanu A.P. Suport electronic de curs Fiabilitate	10.00
Ulmeanu A.P. Suport electronic de curs Mentenanta instalatiilor energetice	10.00
<b>1.2.2.</b>	<b>9.22</b>
D.C. Ionescu, A.P. Ulmeanu. G. Darie - Partea termomecanica si hidraulica a centralelor electrice. îndrumar de proiect (88 p), Editura MATRIX, Bucureşti, 1996, ISBN 973-97494-2-9	1.47
Ulmeanu A.P., Fiabilitatea sistemelor energetice. Aplicatii in evaluarea sigurantei in functionare a infrastructurilor critice, 155 pg. ISBN 978-606-515-056-0	7.75
<b>1.3.</b>	<b>10.00</b>
Coordonator program mobilitati ERASMUS cu UT Compiegne, Franta	10.00

A2.		521.99	
2.1.		142.99	FI
1	A.P. Ulmeanu, Analytical Method to Determine Uncertainty Propagation in Fault Trees by Means of Binary Decision Diagrams, IEEE Transactions on Reliability, Volume: 61 Issue: 1 Pages: 84-94, ISSN: 0018-9529 Published: March 2012. <a href="#">WOS:000301198500010</a>	63.68	1.934
2	D.I. Nastac, A.P. Ulmeanu, An advanced model for electric load forecasting, edited by E. Zio and A.P. Ulmeanu, Pages: 14-19, ISSN:978-1-4799-1511-8, Published: Nov 2013. <a href="#">WOS:000349473300003</a>	12.50	0.000
3	D.C. Ionescu, A.P. Ulmeanu, A.C. Constantinescu, and I. Rotaru - Reliability modelling of Medium Voltage Systems of Nuclear Power Plants using Generalized Stochastic Petri Nets - Computer and Mathematics with Applications N. 51, Elsevier 2006 pp. 285-290, ISSN: 0898-1221 Imprint: PERGAMON. <a href="#">WOS:000235320700015</a>	14.74	1.697
4	Ulmeanu, A. P.; Limnios. Uncertainty estimation for monotone and binary systems Edited by: Martorell, S; Soares, CG; Barnett, J Conference: European Safety and Reliability Conference (ESREL)/17th Annual Meeting of the Society-for-Risk-Analysis-Europe (SRA-Europe) Location: Valencia, SPAIN Date: SEP 22-25, 2008. WOS:000266027001058 Sponsor(s): European Safety & Reliabil Assoc (ESRA); Soc Risk Anal Europe SAFETY, RELIABILITY AND RISK ANALYSIS: THEORY, METHODS AND APPLICATIONS, VOLS 1-4 Pages: 2167-2172 Published: 2009 <a href="#">WOS:000266027001058</a>	12.50	0.000
5	Ulmeanu, AP; Ionescu, DC; Constantinescu, AC. Extended stochastic Petri nets in power systems maintenance models. Edited by: Bedford, T; VanGelder, PHA. Conference: 14th European Safety and Reliability Conference (ESREL 2003) Location: MAASTRICHT, NETHERLANDS Date: JUN 15-18, 2003. SAFETY AND RELIABILITY, VOLS 1 AND 2 Pages: 1581-1585 Published: 2003. <a href="#">WOS:000184438400210</a>	8.33	0.000
6	Dumitrescu, M; Ulmeanu, AP; Munteanu, T. Fuzzy logic system for fuzzy event tree computing. Book Group Author(s): IEEE; IEEE Conference: 1st International IEEE Symposium on Intelligent Systems Location: VARNA, BULGARIA Date: SEP 10-12, 2002. 2002 FIRST INTERNATIONAL IEEE SYMPOSIUM INTELLIGENT SYSTEMS, VOL 1, PROCEEDINGS Pages: 125-129 Published: 2002. <a href="#">WOS:000223848200058</a>	8.33	0.000
7	Dumitrescu, M; Munteanu, T; Ulmeanu, AP. Fuzzy logic in power system performability. Edited by: Yager, RR; Sgurev, VS. Conference: 2nd IEEE International Conference on Intelligent Systems Location: Varna, BULGARIA Date: JUN 22-24, 2004 2ND INTERNATIONAL IEEE CONFERENCE INTELLIGENT SYSTEMS, VOLS 1 AND 2, PROCEEDINGS Pages: 326-330 Published: 2004. <a href="#">WOS:000223848200058</a>	8.33	0.000

8	Dumitrescu, M; Munteanu, T; Ulmeanu, AP. Electric-power protection system fuzzy critical analysis. Edited by: Yager, RR; Sgurev, VS. Conference: 2nd IEEE International Conference on Intelligent Systems Location: Varna, BULGARIA Date: JUN 22-24, 2004, 2ND INTERNATIONAL IEEE CONFERENCE INTELLIGENT SYSTEMS, VOLS 1 AND 2, PROCEEDINGS Pages: 322-325 Published: 2004. <a href="#">WOS:000223848200057</a>	8.33	0.000
9	Dumitrescu, M; Munteanu, T; Voncila, I. Ulmeanu A.P. Application of fuzzy logic in safety computing for power protection system. Edited by: Wang, L; Jiao, L; Shi, G; et al. Conference: 3rd International Conference on Fuzzy Systems and Knowledge Discovery Location: Xian, PEOPLES R CHINA Date: SEP 24-28, 2006. FUZZY SYSTEMS AND KNOWLEDGE DISCOVERY, PROCEEDINGS Book Series: LECTURE NOTES IN COMPUTER SCIENCE Volume: 4223 Pages: 980-989 Published: 2006 <a href="#">WOS:000241106000122</a>	6.25	0.000
<b>2.2.</b>		<b>110.00</b>	
0	V. Tanasiev, A.P. Ulmeanu, A. Badea – Identification of response factors in transient conduction problem, for a homogeneous element exposed to environment conditions, in heating loads computation, ISSN 2286-3540, UPB SCIENTIFIC BULLETIN, Series C – Electrical Engineering and Computer Science ISSN (print): 2286-3540 / (online): 2286-3559, <b>acceptat</b> , revista indexata SCOPUS	0.00	
1	Dumbrava, V. ; Ulmeanu, P. ; Duquenne, P. ; Lazaroiu, C. ; Scutariu, M. Expansion planning of distribution networks by heuristic algorithms. Universities Power Engineering Conference (UPEC), 2010 45th International Publication Year: 2010 , Page(s): 1 - 6. indexat Scopus <a href="https://www.scopus.com/authid/detail.uri?authorId=6508332072&amp;eid=2-s2.0-84861716209">https://www.scopus.com/authid/detail.uri?authorId=6508332072&amp;eid=2-s2.0-84861716209</a>	4.00	
2	M. Marseguerra, E. Zio, P. Baraldi, I.C. Popescu, A.P. Ulmeanu - A FUZZY LOGIC - BASED MODEL FOR THE CLASSIFICATION OF FAULTS IN THE PUMP SEALS OF THE PRIMARY HEAT TRANSPORT SYSTEM OF A CANDU 6 REACTOR, Nuclear Science and Engineering, Volume 152, pp. 157-171, N. 6, June 2006, ISSN : 0029-5639 <a href="https://www.scopus.com/authid/detail.uri?authorId=6508332072&amp;eid=2-s2.0-33745525306">https://www.scopus.com/authid/detail.uri?authorId=6508332072&amp;eid=2-s2.0-33745525306</a>	4.00	
3	Dumbrava, V. ; Ulmeanu, A.P. ; Scutariu, M. ; Lazaroiu, C. ; Duquenne, P. Analysis of reliability aspects of wind power generation in Romania using Markov models. Renewable Power Generation (RPG 2011), IET Conference on DOI: 10.1049/cp.2011.0173 .indexat IEEE, pp. 1-5 <a href="http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6136120&amp;newsearch=true&amp;queryText=ulmeanu">http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6136120&amp;newsearch=true&amp;queryText=ulmeanu</a>	4.00	
4	A. P. Ulmeanu, M. Stein, D.C. Ionescu - A mathematical model of complex analysis of the operation and maintenance policies regarding power plants. BULETIN ISPE vol. 42, nr. 1, pag. 20-26, iISSN 1220-4145- volum cotat INSPEC <a href="http://www.theiet.org/resources/inspec/support/docs/lojac.cfm?type=pdf">http://www.theiet.org/resources/inspec/support/docs/lojac.cfm?type=pdf</a>	7.00	

5	AP Ulmeanu, DC Ionescu. A closed-formula for Mean Time Between Failures of Minimal Repaired Systems under Weibull Failure Distribution. International Journal of Performability Engineering - April 2007, pp. 225-230, revista cotata INSPEC, SCOPUS <a href="https://www.scopus.com/authid/detail.uri?authorId=6508332072&amp;eid=2-s2.0-33745525306">https://www.scopus.com/authid/detail.uri?authorId=6508332072&amp;eid=2-s2.0-33745525306</a>	10.00
6	Ulmeanu A.P., Dumbrava V. A scale-free network model for probabilistic assessment of Romanian power grid. Reliability, Risk and Safety: Back to the Future. pages 959-963. European Safety and Reliability Annual Conference: Reliability, Risk and Safety: Back to the Future, ESREL 2010; Rhodes; Greece; 5 September 2010 through 9 September 2010; Code 89976. Indexata Scopus <a href="https://www.scopus.com/authid/detail.uri?authorId=6508332072&amp;eid=2-s2.0-33745525306">https://www.scopus.com/authid/detail.uri?authorId=6508332072&amp;eid=2-s2.0-33745525306</a>	10.00
7	Dumitrescu, M., Voncila, I., Dumitriu, T., Gurguiatu, G., Floricau, D., Ulmeanu, A.P. Power systems performability analysis, Advances in Safety and Reliability - Proceedings of the European Safety and Reliability Conference, ESREL 2005 Volume 1, 2005, Pages 509-513. 16th European Safety and Reliability Conference, ESREL 2005; Tri City; Poland; 27 June 2005 through 30 June 2005; Code 88581. Power systems performability analysis (Conference Paper) (Indexata SCOPUS) <a href="https://www.scopus.com/authid/detail.uri?authorId=6508332072&amp;eid=2-s2.0-33745525306">https://www.scopus.com/authid/detail.uri?authorId=6508332072&amp;eid=2-s2.0-33745525306</a>	3.00
8	Dumitrescu, M; Munteanu, T; Floricau, D; Ulmeanu A.P., A complex fault-tolerant power system simulation. Book Group Author(s): IEEE Conference: 2nd International Conference on Electrical and Electronics Engineering (ICEEE 2005) Location: Mexico City, MEXICO Date: SEP 07-09, 2005. 2nd International Conference on Electrical & Electronics Engineering (ICEEE) Pages: 267-272 Published: 2005, IEEE Catalog Number 05EX1097, proceedings indexat IEEE DOI: 10.1109/ICEEE.2005.1529624	5.00
9	Ulmeanu, Anatoli Paul; Ionescu, Dumitru Cezar The computer-assisted analysis of the semi-Markovian stochastic Petri nets and an application. 1st international conference on mathematical methods in reliability. Bucharest, Romania, September 16-19, 1997. Basel: Birkhäuser. Statistics for Industry and Technology. 307-320 (1998). indexat in ZENTRALBLATT MATH Zbl 0936.60079 <a href="https://zbmath.org/?q=an:0936.60079">https://zbmath.org/?q=an:0936.60079</a>	10.00
10	M. Stein, A.P. Ulmeanu – On the fault-tolerant systems, Buletinul Institutului de Studii si Proiectari Energetice nr.4, 1994, pp. 43-44, ISSN 1220-4145, revista indexata INSPEC <a href="http://www.theiet.org/resources/inspec/support/docs/lojac.cfm?type=pdf">http://www.theiet.org/resources/inspec/support/docs/lojac.cfm?type=pdf</a>	7.00
11	M. Stein, , A. P. Ulmeanu, D.C. Ionescu, D. Anastasiu - Aspecte privind influenta degradării in timp asupra evaluării riscurilor de funcționare pe intervale de timp a echipamentelor BULETIN ISPE NR. 2, 1999, pp. 51-55, ISSN 1220-4145, revista indexata INSPEC <a href="http://www.theiet.org/resources/inspec/support/docs/lojac.cfm?type=pdf">http://www.theiet.org/resources/inspec/support/docs/lojac.cfm?type=pdf</a>	10.00

12	M. Stein, D. Anastasiu, D.C. Ionescu, A.P. Ulmeanu - Considerații privind condițiile de planificare și de efectuare a acțiunilor de mentenanță prevăzute în instalațiile energetice. Buletinul Institutului de Studii și Proiectări Energetice Nr. 2/1999, pp. 51-55, ISSN 1220-4145, revista indexată INSPEC <a href="http://www.theiet.org/resources/inspec/support/docs/lojac.cfm?type=pdf">http://www.theiet.org/resources/inspec/support/docs/lojac.cfm?type=pdf</a>	5.00
13	A. P. Ulmeanu. M. Stein, D.C. Ionescu - O relație analitică pentru calculul timpului mediu Weibull distribuit între două defecte consecutive ale unui sistem minim reparabil - Buletinul Institutului de Studii și Proiectări Energetice NR. 4, 1998, pag. 29-32, ISSN 1220-4145, revista indexată INSPEC <a href="http://www.theiet.org/resources/inspec/support/docs/lojac.cfm?type=pdf">http://www.theiet.org/resources/inspec/support/docs/lojac.cfm?type=pdf</a>	7.00
14	C. Ciucasu, D. Paraschiv, A. P. Ulmeanu - Analyse energetique et environnementale des systems de production du froid a absorbtion BULETIN UPB, SERIA C, voi. 60, nr. 3-4, pag. 15-28(indexată INSPEC, Categoria CNCSIS B+ Cod 101)	7.00
15	M. Dumitrescu, T. Munteanu, A.P. Ulmeanu - A power system faults analysis - IEEE European Conference on Circuit Theory and Design IN THE 21 ST CENTURY", ECCTD'01 -HELSINKY UNIVERSITY OF TECHNOLOGY FINLAND, 28-31 AUGUST 2001, PROCEEDINGS Vol.1 OF 3, ISBN 951-22-5572-3, pp. 305-308, proceedings indexat Google Scholar, ISSN 1455-8440, Editors: V. Porra, M. Valtonen, I. Hartimo, M. Ilmonen, O. Simula, T. Veijola <a href="http://lib.tkk.fi/Books/2001/isbn9512263378/papers/1222.pdf">http://lib.tkk.fi/Books/2001/isbn9512263378/papers/1222.pdf</a>	7.00
16	Nastac, D.I. ; Ulmeanu, A.P. ; Tuduțe, R. ; Cristea, P.D. A joint of adaptive predictors for electric load forecasting. 2013 20th International Conference on Systems, Signals and Image Processing (IWSSIP) Publication Year: 2013 , Pages: 51 - 54, Indexat IEEE DOI: <a href="https://doi.org/10.1109/IWSSIP.2013.6623447">10.1109/IWSSIP.2013.6623447</a>	5.00
17	D.C. Ionescu, A.P. Ulmeanu, A.C. Constantinescu, Ioan Rotaru- Efficient computational techniques for power systems reliability assessment in MATHEMATICAL AND STATISTICAL METHODS IN RELIABILITY, WORLD SCIENTIFIC PUBLISHING, SERIES ON QUALITY, RELIABILITY AND ENGINEERING STATISTICS 2003 - Edited by Bo H Lindqvist (Norwegian University of Science and Technology, Trondheim, Norway) & Kjell A Doksum (University of Wisconsin, Madison, USA), pp. 251-267, ISBN 981-238-321-2. Selected papers from the Third conference Mathematical Methods in Reliability, Trondheim, Norvegia, iunie 2002. indexat Google Scholar <a href="https://books.google.ro/books?id=jK3UCgAAQBAJ&amp;pg=PA251&amp;lpg=PA251&amp;dq=Efficient+computa%C5%A3ional+techniques+for+power+systems+reliability+assessment&amp;source=bl&amp;ots=58pcVB1vZ_&amp;sig=H_7ZesI_8RQAdYEmwVYDRhGS4U0&amp;hl=ro&amp;sa=X&amp;ved=0ahUKewjFs_aGpcvMAhUGuhQKHcdFDDUQ6AEIKjAB%23v=onepage&amp;q=Efficient%20computa%C5%A3ional%20techniques%20for%20power%20systems%20reliability%20assessment&amp;f=false">https://books.google.ro/books?id=jK3UCgAAQBAJ&amp;pg=PA251&amp;lpg=PA251&amp;dq=Efficient+computa%C5%A3ional+techniques+for+power+systems+reliability+assessment&amp;source=bl&amp;ots=58pcVB1vZ_&amp;sig=H_7ZesI_8RQAdYEmwVYDRhGS4U0&amp;hl=ro&amp;sa=X&amp;ved=0ahUKewjFs_aGpcvMAhUGuhQKHcdFDDUQ6AEIKjAB%23v=onepage&amp;q=Efficient%20computa%C5%A3ional%20techniques%20for%20power%20systems%20reliability%20assessment&amp;f=false</a>	5.00

18	Dumitrescu, M; Munteanu, T; Voncila, I. Ulmeanu A.P. Using EDSA on radial primary feeder capacitor size and location simulation. Book Group Author(s): IEEE Conference: 2nd International Conference on Electrical and Electronics Engineering (ICEEE 2005) Location: Mexico City, MEXICO Date: SEP 07-09, 2005 2nd International Conference on Electrical & Electronics Engineering (ICEEE) Pages: 262-266 Published: 2005 proceedings indexat IEEE Scopus si Google Scholar, 2005 <a href="https://www.scopus.com/authid/detail.uri?authorId=6508332072&amp;eid=2-s2.0-84861716209">https://www.scopus.com/authid/detail.uri?authorId=6508332072&amp;eid=2-s2.0-84861716209</a>	5.00
	2.3.	0.00
	2.4.	254.00
	2.4.1.	230.00
1	Responsabil Contract programul FP 5, nr. GTC2-2000-3304 SAFERELNET - Safety and reliability of industrial products, systems and structures, 2001-2006	120.00
2	Responsabil Contract, PHARE RO 0107.10.0: România: Harmonization with EU Aquis concerning minimum stocks of petroleum products, 2003-2004	40.00
3	Responsabil Contract Centrul de Cercetări Energetice și de Protecția Mediului, la contractul nr. 1897 din 03.06.2010, 'Model și program de calcul și aplicație în Excel utilizând tehnici de simulare Monte-Carlo pentru analiza de senzitivitate și analiza de risc a principalilor indicatori de apreciere a eficienței unei investiții (conform analizei cost-beneficiu). Contractor: SC ICEPROHART S.A. Braila	10.00
4	Proiectul CEEEX nr. 303/2006, "Reducerea vulnerabilității și combaterea consecințelor dezastrelor naturale și tehnologice, în sprijinul comunităților locale" - DENATEH	30.00
5	Responsabil Contract Relansin nr. 1062/2001 – Implementarea reglementarilor in vigoare pentru dezvoltarea pietei de energie in Romania. Calculul indicatorilor de siguranta in alimentarea cu energie electrica.	10.00
6	Contract Academia Romana Contract nr. 1156 / 17.11.2005 - Institutul de Mecanica Solidelor - Tezaur de termeni in domeniul electroenergetic. – beneficiar TRANSELECTRICA	10.00
7	Contract Ministerul de Interne – Analiza fenomenelor ce insotesc scurtcircuitul in conductorii rețelelor de J.T. si analiza probabilistica a posibilităților de inițiere a aprinderii unor materiale combustibile prin particule incandescente rezultate in urma scurtcircuitului. Contract nr. 6-90-15/13.11.1991	10.00
	2.4.2.	24.00
1	Tehnici hibride aplicate in modele duale disponibilitate-siguranta in funcționare. CONTRACT 34976/2001, TEMA 21, COD CNCSIS 48 (GRANT AT). Beneficiar: CNCSIS - MCEN	6.00
2	Tehnici hibride aplicate in modele duale disponibilitate-siguranta in funcționare. CONTRACT 36943/2000, TEMA 15, COD CNCSIS 129 (GRANT AT). Beneficiar: CNCSIS-MCEN	6.00



3	Metode de decizie in mentenanta preventiva a sistemelor termohidraulice, cu aplicație la echipamentele din centralele termoelectrice. Contract 199/17.02.1999	6.00
4	Cercetări privind modelarea fiabilității și securității schemelor termohidraulice cu aplicație la instalațiile din centralele termoelectrice. Contract 537/1996+B65	6.00
	2.5.	15.00
1	Determinarea științifică a indicatorilor de fiabilitate, disponibilitate și securitate ai echipamentelor energetice care fac obiectul garanțiilor contractuale. Contract nr. 6-91-3A/1.XI. 1992	5.00
2	Simulator de 50 MW- Model matematic turbina nr. 2. Model matematic turbina nr. 1. Caracteristici energetice. Contract nr. 6-90-8/25.XII.1990	5.00
3	Modele matematice pentru simulatorul grupului de 50 MW. Contract nr. 5-9-23/30.XII. 1989	5.00

<b>A3.</b>	<b>146.42</b>
<b>3.1.</b>	<b>28.42</b>
<b>3.1.1.</b>	<b>26.58</b>
<a href="#">A.P. Ulmeanu, Analytical Method to Determine Uncertainty Propagation in Fault Trees by Means of Binary Decision Diagrams, IEEE Transactions on Reliability, Volume: 61 Issue: 1 Pages: 84-94, ISSN: 0018-9529 WOS:000301198500010 Published: March 201</a>	10.00
<a href="#">D.C. Ionescu, A.P. Ulmeanu, A.C. Constantinescu, and I. Rotaru - Reliability modelling of Medium Voltage Systems of Nuclear Power Plants using Generalized Stochastic Petri Nets - Computer and Mathematics with Applications N. 51, Elsevier 2006 pp. 285-290,</a>	8.75
<a href="#">Dumitrescu, M; Munteanu, T; Ulmeanu, AP. Fuzzy logic in power system performability. Edited by: Yager, RR; Sgurev, VS. Conference: 2nd IEEE International Conference on Intelligent Systems Location: Varna, BULGARIA Date: JUN 22-24, 20042ND INTERNATIONAL IEEE CONFERENCE INTELLIGENT SYSTEMS, VOLS 1 AND 2, PROCEEDINGS Pages: 326-330 Published: 2004. WOS:000223848200058</a>	5.00
<a href="#">M. Dumitrescu, T. Munteanu, I. Voncila, G. Gurguiatu, D. Florica, A.P. Ulmeanu - Application of Fuzzy Logic in Safety Computing for a Power Protection System, Lecture Notes in Computer Science, Volume 4223/2006, pp: 980-989, ISSN: 0302-9743 – volum cotat ISI, Accession Number: WOS:000241106000122</a>	0.83
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<b>3.1.2.</b>	<b>1.83</b>
<a href="#">A.P. Ulmeanu, Analytical Method to Determine Uncertainty Propagation in Fault Trees by Means of Binary Decision Diagrams, IEEE Transactions on Reliability, Volume: 61 Issue: 1 Pages: 84-94, ISSN: 0018-9529 WOS:000301198500010 Published: March 201</a>	9.00
<a href="#">D.C. Ionescu, A.P. Ulmeanu, A.C. Constantinescu, and I. Rotaru - Reliability modelling of Medium Voltage Systems of Nuclear Power Plants using Generalized Stochastic Petri Nets - Computer and Mathematics with Applications N. 51, Elsevier 2006 pp. 285-290,</a>	3.75
<a href="#">Dumitrescu, M; Munteanu, T; Ulmeanu, AP. Fuzzy logic in power system performability. Edited by: Yager, RR; Sgurev, VS. Conference: 2nd IEEE International Conference on Intelligent Systems Location: Varna, BULGARIA Date: JUN 22-24, 20042ND INTERNATIONAL IEEE CONFERENCE INTELLIGENT SYSTEMS, VOLS 1 AND 2, PROCEEDINGS Pages: 326-330 Published: 2004. WOS:000223848200058</a>	4.00

<a href="#">M. Dumitrescu, T. Munteanu, I. Voncila, G. Gurguiatu, D. Floricau, A.P. Ulmeanu - Application of Fuzzy Logic in Safety Computing for a Power Protection System, Lecture Notes in Computer Science, Volume 4223/2006, pp: 980-989, ISSN: 0302-9743 – volum cotat ISI, Accession Number: WOS:000241106000122</a>	0.83
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<a href="#">Dumitrescu M, Munteanu T, Floricau D, et Ulmeanu AP. A complex fault-tolerant power system simulation. 2nd International Conference on Electrical and Electronics Engineering (ICEEE 2005), SEP 07-09, 2005. 2ND INTERNATIONAL CONFERENCE ON ELECTRICAL &amp; ELECTRONICS ENGINEERING (ICEEE) : pp. 267-272. ISBN 0-7803-9230-2, IEEE Catalog Number 05EX1097, 2005, proceedings indexat IEEE DOI: 10.1109/ICEEE.2005.1529624</a>	0.75
<b>3.2.</b>	<b>20.00</b>
<b>3.2.1.</b>	<b>20.00</b>
Modelling of the Complex Systems Dependability with Petri nets Using Decomposition Methods, MATHEMATICAL METHODS IN RELIABILITY CONFERENCE, LOS ALAMOS, SUA, D. C. Ionescu, A. P. Ulmeanu, A. C. Constantinescu, 21-24 iunie 2004 (invited talk)	20.00
<b>3.2.2.</b>	<b>0.00</b>
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Membu in echipa de organizare CIEM2005, sesiunea "Reliability, Maintenance, Risk"	3.00
<b>3.4.</b>	<b>20.00</b>

<b>3.4.1.</b>	<b>0.00</b>
<b>3.4.2.</b>	<b>20.00</b>
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Membru al Senatului UPB (2012 - prezent)	10.00
<b>3.5.</b>	<b>25.00</b>
<b>3.5.1.</b>	<b>10.00</b>
Membru comisie teza doctorat "Neural Network Modeling for Prediction under Uncertainty in Energy System Applications". 2014. Autor: Ronay AK, conducator stiintific: prof. dr. ing. Enrico ZIO, SUPELEC, Paris, France	10.00
<b>3.5.2.</b>	<b>15.00</b>
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<b>3.6.</b>	<b>0.00</b>
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<b>3.7.</b>	<b>15.00</b>
<b>3.7.1.</b>	<b>0.00</b>
	0.00
<b>3.7.2.</b>	<b>0.00</b>
	0.00
<b>3.7.3.</b>	<b>0.00</b>
	0.00
<b>3.7.4.</b>	<b>15.00</b>
Membru in Editorial Board al ESRA - European Safety and Reliability Association	15.00
<b>3.7.5.</b>	<b>0.00</b>

Criteriul de evaluare	Candidat <i>Ulmeanu Anatoli</i>		
	Punctaj minim	Punctaj candidat	Grad indeplinire
A1	80	175.64	219.55%
A2	300	521.99	174.00%
A3	60	146.42	244.03%
<b>TOTAL</b>	<b>440</b>	<b>844.05</b>	<b>191.83%</b>

**Lucrarea citata:** A.P. Ulmeanu, Analytical Method to Determine Uncertainty Propagation in Fault Trees by Means of Binary Decision Diagrams, IEEE Transactions on Reliability, Volume: 61 Issue: 1 Pages: 84-94, ISSN: 0018-9529 WOS:000301198500010 Published: March 2011

<b>Lucrarile care o citeaza:</b>	<b>ISI</b>	<b>BDI</b>
1. F. Han, Y. Liu, and J.G. Wang, Methods to determine uncertainty in system reliability estimate based on bayesian networks - Proceedings of the European Safety and Reliability Conference, ESREL 2013, pp. 3123-3126, 2014 , pp. 3123–3126, <b>WOS:000339427104072</b> <a href="http://ezp01.buc.anelisplus.ro:2264/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=W1EolbmtcuNVTgEo8SH&amp;page=1&amp;doc=1">http://ezp01.buc.anelisplus.ro:2264/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=1&amp;SID=W1EolbmtcuNVTgEo8SH&amp;page=1&amp;doc=1</a>	5	
2. J. Ni, W. Tang, and Y. Xing, A simple algebra for fault tree analysis of static and dynamic systems, IEEE Transactions on Reliability 62 (2013), no. 4, pp. 846–861, DOI: 10.1109/TR.2013.2285035, WOS: <b>WOS:000327953900010</b> <a href="http://ezp01.buc.anelisplus.ro:2264/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=3&amp;SID=W1EolbmtcuNVTgEo8SH&amp;page=1&amp;doc=1">http://ezp01.buc.anelisplus.ro:2264/full_record.do?product=UA&amp;search_mode=GeneralSearch&amp;qid=3&amp;SID=W1EolbmtcuNVTgEo8SH&amp;page=1&amp;doc=1</a>	5	
3. L. Herscheid and P. Troger, Specification of dynamic fault tree concepts with Stochastic Petri Nets, 2014, Proceedings - 8th International Conference on Software Security and Reliability, SERE 2014, pp. 177-186, ISBN: 978-147994296-1, DOI: 10.1109/SERE.2014.31 <b>indexat IEEE, SCOPUS</b> <a href="https://ezp01.buc.anelisplus.ro:2149/record/display.uri?eid=2-s2.0-84910060988&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=Specification+of+dynamic+fault+tree+concepts+with+Stochastic+Petri+Nets&amp;st2=&amp;sid=4FFC30814A3E39835CFEAC908F2AC1D9.WeLimyRvBMk2ky9SF">https://ezp01.buc.anelisplus.ro:2149/record/display.uri?eid=2-s2.0-84910060988&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;st1=Specification+of+dynamic+fault+tree+concepts+with+Stochastic+Petri+Nets&amp;st2=&amp;sid=4FFC30814A3E39835CFEAC908F2AC1D9.WeLimyRvBMk2ky9SF</a>		3
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<b>TOTAL</b>	<b>10</b>	<b>9</b>

**Lucrarea citata: D.C. Ionescu, A.P. Ulmeanu, A.C. Constantinescu, and I. Rotaru - Reliability modelling of Medium Voltage Systems of Nuclear Power Plants using Generalized Stochastic Petri Nets - Computer and Mathematics with Applications N. 51, Elsevier 2006 pp. 285-290**

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TOTAL		0.75