Fisa de verificare a standardelor minimale pentru gradul de conferentiar universitar stabilite prin OM nr. 6129/2016

Candidat Sl. Dr. Ing. Kinga Marton
Domeniul Calculatoare si Tehnologia Informatiei

Nr. Crt	Domeniul activ.			Subcategorii		Indicatori (kpi)	Numar	Punctaj
0	1	2	3		4	5		
1	Activitatea didactica si profesionala (A1)	Carti si capitole de carti de specialitate in edituri recunoscute	Carti, monografii, capitole ca autor	A1.1.1.	Internationale	50/nr autori		
				A1.1.2	nationale	50/nr autori	1	50
		Material didactic/lucrari didactice	Manuale didactice	A1.2.1		40/nr autori		
						Total punctaj A(1)		**50**
2	Activitatea de cercetare (A2)	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings		A2.1		(25+ 30 * factor impact) / nr. de autori	16	486.537
		Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)		A2.2		20 / nr. de autori	11	62
		Proprietate intelectiala, brevete de inventie, certificate ORDA		A2.3.1	Internationale	35 / nr. de autori		
				A2.3.2	nationale	25 / nr. de autori		
		Granturi/proiecte castigate prin competitie	Director / responsabil	A2.4.1.1	Internationale	20 * ani de desfasurare		
				A2.4.1.2	nationale	10 * ani de desfasurare	2	45
			Membru in echipa	A2.4.2.1	Internationale	4 * ani de desfasurare	1	8
				A2.4.2.2	nationale	2 * ani de desfasurare	4	12
						Total punctaj A(2)		**613.537**
3	Recunoasterea si impactul activitatii (A3)	Citari in carti, reviste si volume ale unor manifestari stiintifice		A3.1.1	carti, ISI	8 / nr aut art. citat	14	33.33333
				A3.1.2	BDI	4 / nr aut art. citat	53	46.2
		Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, ISI	Punctaj unic pentru fiecare activitate	A3.2		10	0	0
		Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, internationale indexate BDI	Punctaj unic pentru fiecare activitate	A3.3		6	0	0
		Premii in domeniu nationale sau internationale		A3.4		15	0	0
						Total punctaj A(3)		**79.53333**

Conditii minimale A1			
Nr.	**Domeniu de activitate (A)**	**Necesar conferentiar**	**Realizat**
A1	Activitatea didactica / profesionala (A1)	50	50
A2	Activitatea de cercetare (A2)	300	613.537
A3	Recunoasterea impactului activitatii (A3)	50	79.5333333
Total (A)		400	743.070333

Conditii minimale obligatorii pe subcategorii		Necesar conferentiar	Realizat
A1.1.1.-A1.1.2	Carti si capitole in carti de specialitate	1	1
A2.1.	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings	6	16
A2.4.1	Granturi/proiecte castigate prin competitie (Director/ responsabil)	1	2
A3.1.1-A3.1.2	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI	10	14
	Factor de impact cumulat pentru publicatii	4	8.747
	Nr Minim Reviste ISI in zona Q1/Q2	1	3

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Vizat Decan
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Anexa: datele pentru calculul indeplinirii criteriilor

A1.1.1. Carti, monografii, capitole ca autor, internationale

A1.1.2. Carti, monografii, capitole ca autor, nationale

Nr.	Autori	Titlu capitol / carte	Editura	Anul	Punctaj
1	Kinga Márton	Programarea calculatoarelor folosind limbajul C	UTPress, Romania	2014	50

A2.1. Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings

Nr.	Autori	Titlu lucrare / revista (conferinta)	Factor de impact	Nr. Autori	Punctaj	Link
1	Tudor Patuleanu, Kinga Marton, Vasile Chis, Sebastian Toma	True random number sequences from gamma-decay using four extraction methods, Proceedings of the Romanian Academy, Special issue 2017, Cryptology Science, vol. 18, ISSN: 1454-9069, pp. 389-402.	1.623	4	37.1725	http://www.academiaromana.ro/sectii2002/proceedings/doc2017-4s/09artSupl.pdf Q2
2	Kinga Marton, Alexandra Zaharia, Sebastian Banescu, Alin Suciu	Randomness assessment of an unpredictable random number generator based on hardware performance counters, Romanian Journal of Information Science and Technology (ROMJIST), Volume 20, ISSN: 1453-8245, No. 2, 2017, pp. 136-160	0.422	4	28.165	http://www.romjist.ro/full-texts/paper556.pdf
3	Kinga Marton, Alin Suciu	Towards a methodology for randomness assessment: Challenges and pitfalls, Proceedings of the Romanian Academy, Special issue 2015, Cryptology Science, vol. 16, ISSN: 1454-9069, pp. 385-394.	1.735	2	51.025	http://www.acad.ro/sectii2002/proceedings/doc2015-3s/14-Marton.pdf Q2
4	Marek Sys, Zdenek Riha, Vashek Matyas, Kinga Marton, Alin Suciu	On the interpretation of results from the NIST Statistical Test Suite, Romanian Journal of Information Science and Technology, Volume 18, Number 1/2015, ISSN: 1453-8245, pp. 18–32	0.422	5	27.532	http://www.romjist.ro/content/pdf/02-msys.pdf
5	Kinga Marton, Alin Suciu, Christian Săcărea, Octavian Creţ	Generation and testing of random numbers for cryptographic applications, Proceedings of the Romanian Academy Series A, Volume 13, Number 4/2012, ISSN: 1454-9069, pp. 368–377	1.623	4	37.1725	http://www.acad.ro/sectii2002/proceedings/doc2012-4/11-Suciu.pdf Q2
6	Kinga Marton, Alin Suciu, Iosif Ignat	Randomness in digital cryptography: A survey, Romanian Journal of Information Science and Technology Volume 13, Number 3/2010, ISSN: 1453-8245, pp. 219–240	0.422	3	29.22	http://www.romjist.ro/content/pdf/kmarton.pdf
7	Alin Suciu, Radu Alexandru Toma, Kinga Marton	Parallel object-oriented implementation of the TestU01 statistical test suites, in Proceedings - 2014 IEEE 10th International Conference on Intelligent Computer Communication and Processing, ICCP 2014, pp. 311-315, 2014.	0.25	3	27.5	https://ieeexplore.ieee.org/document/6937014/

8	Kinga Marton, Vlad Baja, Alin Suciu	Parallel implementation of the matrix rank test for randomness assessment, in Proceedings - 2014 IEEE 10th International Conference on Intelligent Computer Communication and Processing, ICCP 2014, pp. 317-321, 2014.	0.25	3	27.5	https://ieeexplore.ieee.org/document/6937015/
9	Kinga Marton, Katalin Nagy, Alin Suciu	Collaborative genealogy tree in the cloud, in Proceedings - 2013 IEEE 11th Roedunet International Conference, 2013.	0.25	3	27.5	https://ieeexplore.ieee.org/document/6511762/
10	Kinga Marton, Mihai Homan, Alin Suciu, Ioan Rasa	The histogram test for randomness assessment, in Proceedings - 2013 IEEE 12th Roedunet International Conference, 2013.	0.25	4	26.875	https://ieeexplore.ieee.org/document/6714183/
11	Kinga Marton, Peter Toth, Alin Suciu	Unpredictable random number generator based on the Performance Data Helper interface, in 14th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC 2012), pp. 335-340, 2012.	0.25	3	27.5	https://ieeexplore.ieee.org/document/6481049/
12	Alin Suciu, Sebastian Banescu, Kinga Marton	Unpredictable random number generator based on hardware performance counters, In: Snasel V., Platos J., El-Qawasmeh E. (eds) Digital Information Processing and Communications. Communications in Computer and Information Science, vol 189. Springer, vol. 189, pp. 123-137, 2011.	0.25	3	27.5	https://link.springer.com/chapter/10.1007/978-3-642-22410-2_10
13	Alin Suciu, Tudor Carean, Andre Seznec, Kinga Marton	Parallel HAVEGE, In: Wyrzykowski R., Dongarra J., Karczewski K., Wasniewski J. (eds) Parallel Processing and Applied Mathematics. PPAM 2009. Lecture Notes in Computer Science, vol 6068, PART II, Springer, pp. 145-154, 2010.	0.25	4	26.875	https://link.springer.com/chapter/10.1007/978-3-642-14403-5_16
14	Kinga Marton, Alin Suciu	Parallel ENT - ParENT, in Proceedings - 2009 IEEE 4th Balkan Conference in Informatics, pp. 28-32, 2009.	0.25	2	28.75	https://ieeexplore.ieee.org/document/5359365/
15	Alin Suciu, Kinga Marton, Zoltan Antal	Data flow entropy collector, in 10th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC 2008), pp. 445-448, 2008.	0.25	3	27.5	https://ieeexplore.ieee.org/document/5204852/
16	Kinga Marton, Adrian Coleşa	Glinda – Grid based distributed Linda system, in 9th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC 2007), pp. 349-352, 2007.	0.25	2	28.75	https://ieeexplore.ieee.org/document/4438121/
		Factor impact cumulat	**8.747**			
		Total punctaj A2.1.			**486.54**	

A2.2. Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)

Nr.	Autori	Titlu lucrare / revista (conferinta)	Baza de date	Nr. Autori	Punctaj	Link
1	Kinga Marton, Bolba Raluca, Alin Suciu	Counting bits in parallel, in Proceedings - 2017 IEEE 16th Roedunet International Conference, ISSN: 2247-5443, pp. 1-6, 2017.	Scopus	3	6.666666667	https://ieeexplore.ieee.org/document/8123743/
2	Kinga Marton, Dan Patrascu, Alin Suciu	Perceptual evaluation of random number sequences using FileSeer+, Studia Universitatis Babes-Bolyai - Series Informatica, Vol. LX, Number 1/2015, ISSN: 2065-9601, pp. 98-110.	Scopus	3	6.666666667	http://www.cs.ubbcluj.ro/~studia-i/contents/2015-1/08-MartonPatrascuSuciu.pdf
3	Norbert Deak, Tamas Gyorfi, Kinga Marton, Lucia Vacariu, Octavian Cret	Highly efficient true random number generator in FPGA devices using Phase-Locked Loops, CSCS20: The 20th International Conference on Control Systems and Computer Science, May 2015, pp 453 – 458.	Scopus	5	4	https://ieeexplore.ieee.org/document/7168468/
4	Alin Suciu, Radu Toma, Kinga Marton	Parallel implementation of the TestU01 statistical test suite, in Proceedings - 2012 IEEE 8th International Conference on Intelligent Computer Communication and Processing, ICCP 2012, pp. 317-322, 2012.	Scopus	3	6.666666667	https://ieeexplore.ieee.org/document/6356206/
5	Alin Suciu, Daniel Lebu, Kinga Marton	Unpredictable random number generator based on mobile sensors, in Proceedings - 2011 IEEE 7th International Conference on Intelligent Computer Communication and Processing, ICCP 2011, pp. 445-448, 2011.	Scopus	3	6.666666667	https://ieeexplore.ieee.org/document/6047913/
6	Alin Suciu, Petrut Cobarzan, Kinga Marton	The never ending problem of counting bits efficiently, in Proceedings 2011 - RoEduNet IEEE International Conference, 2011.	Scopus	3	6.666666667	https://ieeexplore.ieee.org/document/5993702/
7	Kinga Marton, Alin Suciu, Dora Petricean	A parallel unpredictable random number generator, in Proceedings 2011- RoEduNet IEEE International Conference, 2011.	Scopus	3	6.666666667	https://ieeexplore.ieee.org/document/5993701/
8	Alin Suciu, Kinga Marton, Emil Cebuc, Vasile Teodor Dadarlat, Gheorghe Sebestyen	Gathering entropy from the Grid with GridHAVEGE, in Proceedings - 2010 IEEE 6th International Conference on Intelligent Computer Communication and Processing, ICCP10, pp. 459-463, 2010.	Scopus	5	4	https://ieeexplore.ieee.org/document/5606399/
9	Emil Cebuc, Alin Suciu, Kinga Marton, Simona Dolha, Lucian Muresan	Implementation of cryptographic algorithms on a grid infrastructure, in 2010 IEEE International Conference on Automation, Quality and Testing, Robotics, AQTR 2010 - Proceedings, vol. 2, pp. 137-142, 2010.	Scopus	5	4	https://ieeexplore.ieee.org/document/5520814/
10	Alin Suciu, Kinga Marton, Iszabela Nagy, Ioana Pinca	Byte-oriented efficient implementation of the NIST statistical test suite, in 2010 IEEE International Conference on Automation, Quality and Testing, Robotics, AQTR 2010 - Proceedings, vol. 2, pp. 17-22, 2010.	Scopus	4	5	https://ieeexplore.ieee.org/document/5520837/
11	Alin Suciu, Iszabela Nagy, Kinga Marton, Ioana Pinca	Parallel Implementation of the NIST Statistical Test Suite, in Proceedings of the IEEE International Conference on Intelligent Computer Communication and Processing - ICCP 2010, 2010, pp. 363-368.	Scopus	4	5	https://ieeexplore.ieee.org/document/5606412/

Total punctaj A2.2. **62**

A2.4.1. Granturi/proiecte castigate prin competitie: director/responsabil de proiect

Nr.	Tip: nat / internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1	National	Proiect PARTING POSDRU/159/1.5/S/137516 – Contract de studii postdoctorale, prin Programul Operaţional Sectorial Dezvoltarea Resurselor Umane 2007 – 2013, Sub-proiect: Evaluarea calităţii secvenţelor de numere aleatoare, Valoare totală: 66600 RON Rol: responsabil subproiect	apr. 2014 - oct. 2015	1.5	15
2	National	Proiect PRODOC – Contract de studii doctorale, prin Programul Operaţional Sectorial Dezvoltarea Resurselor Umane 2007 – 2013, Sub-proiect: Contribuţii la generarea şi testarea secvenţelor de numere aleatoare destinate aplicaţiilor criptografice, Perioada: 2008 – 2011 Valoare totală: 140000 RON Rol: responsabil subproiect	2008 – 2011	3	30
		Total punctaj A2.4.1			**45**

A2.4.2. Granturi/proiecte castigate prin competitie: membru in echipa

Nr.	Tip: nat / internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1	National	Proiect tip CDI STAR, Onboard nonlinear Analysis of data: a New technology based on field programmable gate Arrays (OANA), Rol: membru cercetător	2017-2018	1	2
2	National	Rol: responsabil subproiect 3. Proiect tip CDI STAR, Onboard nonlinear Analysis of data: a New technology based on field programmable gate Arrays (OANA), Perioada: 2017-2018 Rol: membru cercetător	2017 - 2018	1	2
3	International	Proiect bilateral Romania – Franţa, PHC Brancuş, GridRand - Efficient Generation, Testing and Management of Large Random Number Sequences using Grid-based Technologies, Rol: membru cercetător	2009 - 2010	2	8
4	National	Proiect tip PN2 –Parteneriate, CryptoRand - Sistem integrat de înaltă performanţă pentru generarea şi testarea secvenţelor de numere aleatoare destinate aplicaţiilor criptografice, Rol: membru cercetător	2007-2010	3	6
5	National	Proiect cu terţi, RANTESQC – Random Number Testing for Quantum Cryptography Applications, UTCN – Siemens PSE, Rol: membru cercetător	2007	1	2
		Total punctaj A2.4.1			**20**

A3.1.1. Citari in carti, reviste si volume ale unor manifestari stiintifice (carti, ISI)

Nr.	Articol citat	Articol care citeaza	Numar autori art.citat	Punctaj	
1	Alin Suciu, Petrut Cobarzan, Kinga Marton, The never ending problem of counting bits efficiently, in Proceedings 2011 - RoEduNet IEEE International Conference, 2011	Gog, Simon; Petri, Matthias, SOFTWARE-PRACTICE & EXPERIENCE, Volume: 44 , Issue: 11, pp. 1287-1314, Published: NOV 2014	3	2.66666667	
2	Emil Cebuc, Alin Suciu, Kinga Marton, Simona Dolha, Lucian Muresan, Implementation of cryptographic algorithms on a grid infrastructure, in 2010 IEEE International Conference on Automation, Quality and Testing, Robotics, AQTR 2010 - Proceedings, vol. 2, pp. 137-142, 2010.	Varga, Robert; Nedevschi, Sergiu, Label Transfer by Measuring Compactness, IEEE TRANSACTIONS ON IMAGE PROCESSING Volume: 22 Issue: 12 Pages: 4711-4723 Published: DEC 2013	5	3.2	Q1
3	Marek Sys, Zdenek Riha, Vashek Matyas, Kinga Marton, Alin Suciu, On the interpretation of results from the NIST Statistical Test Suite, Romanian Journal of Information Science and Technology, Volume 18, Number 1/2015, ISSN: 1453-8245, pp. 18–32	Horia-Nicolai TEODORESCU, On the Regularities and Randomness of the Dynamics of Simple and Composed CAs with Applications, ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY Volume 18, Number 2, 2015, 166–181	5	1.6	
4		Sýs, Marek, Zdeněk Říha, and Vashek Matyáš. "Algorithm 970: Optimizing the NIST Statistical Test Suite and the Berlekamp-Massey Algorithm." *ACM Transactions on Mathematical Software (TOMS)* 43.3 (2016): 27.	5	3.2	Q1
5		Osvaldo Andres Perez Garcia, Algorithm for Calculating the Exact Amount of n-bit Sequences with at Least One Run of Length k (k ≤ n), IEEE LATIN AMERICA TRANSACTIONS, VOL. 16, NO. 1, JAN. 2018	5	1.6	

6		J. Francis, X. Zhang, S,. K. Ozdemir and M. S. Tame, Quantum random number generation using an on-chip plasmonic beamsplitter, Quantum Science and Technology, ISSN: 2058-9565, Volume 2, Number 32, 035004	5	1.6
7	N. Deak, T. Gyorfi, K. Marton, L. Vacariu, O. Cret, Highly efficient true random number generator in FPGA devices using Phase-Locked Loops, CSCS20: The 20th International Conference on Control Systems and Computer Science, May 2015, pp 453 – 458.	Wieczorek, Piotr Zbigniew. "Lightweight TRNG Based on Multiphase Timing of Bistables." *IEEE Transactions on Circuits and Systems I: Regular Papers* 63.7 (2016): 1043-1054.	5	1.6
8		Burak Unal, Ali Akoglu, Fakhreddine Ghaffari, Bane Vasic, Hardware Implementation and Performance Analysis of Resource Efficient Probabilistic Hard Decision LDPC Decoders, IEEE Transactions on Circuits and Systems I: Regular Papers, IEEE, 2018	5	1.6
9		PZ Wieczorek, K Gołofit, True Random Number Generator Based on Flip-Flop Resolve Time Instability Boosted by Random Chaotic Source, IEEE Transactions on Circuits and Systems I: Regular Papers (Volume: PP, Issue: 99), 26 September 2017, pp. 1-14	5	1.6
10	Alin Suciu, K. Marton, I. Nagy, and I. Pinca, Byte-oriented efficient implementation of the NIST statistical test suite, in 2010 IEEE International Conference on Automation, Quality and Testing, Robotics, AQTR 2010 - Proceedings, vol. 2, pp. 17-22, 2010.	Sýs, Marek, Zdeněk Říha, and Vashek Matyáš. "Algorithm 970: Optimizing the NIST Statistical Test Suite and the Berlekamp-Massey Algorithm." *ACM Transactions on Mathematical Software (TOMS)* 43.3 (2016): 27.	4	4
11	K.Marton, AlinSuciu, I.Ignat, Randomness in digital cryptography: A survey, Romanian Journal of Information Science and Technology, Volume 13, Number 3/2010, ISSN: 1453-8245, pp. 219–240	Suresh, Vikram B., and Wayne P. Burleson. "Entropy and energy bounds for metastability based TRNG with lightweight post-processing." *IEEE Transactions on Circuits and Systems I: Regular Papers* 62.7 (2015): 1785-1793.	3	2.66666667
12		Malik Qasaimeh, Raad S. Al-Qassas, Sara Tedmori, Software randomness analysis and evaluation of lightweight ciphers: the prospective for IoT security, Multimedia Tools and Applications, Springer US, ISSN: 1380-7501, Febr 2018, pp 1 - 35	3	2.66666667

Q1

13		Ozpinar, Alper, and Emel Seyma Kucukasci. "Use of Chaotic Randomness Numbers: Metaheuristic and Artificial Intelligence Algorithms." *Intelligent Techniques for Data Analysis in Diverse Settings*. IGI Global, 2016. 207-227.	3	2.66666667	carte
14		Nova Hadi Lestriandoko, Tutun Juhana, Rinaldi Munir, Security System for Surveillance Radar Network Communication Using Chaos Algorithm, Proceeding of The 8th International Conference on Telecommunication Systems, Service,and Applications (TSSA) 2014), Kuta Bali, 23-24 October 2014	3	2.66666667	isi proceedings

Total punctaj A3.1.1. **33.3333333**

A3.1.2. Citari in carti, reviste si volume ale unor manifestari stiintifice (BDI)

Nr.	Articol citat	Articol care citeaza	Numar autori art.citat	Punctaj
1	Marek Sys, Zdenek Riha, Vashek Matyas, Kinga Marton, Alin Suciu, On the interpretation of results from the NIST Statistical Test Suite, Romanian Journal of Information Science and Technology, Volume 18, Number 1/2015, ISSN: 1453-8245, pp. 18–32	Ukrop, Martin, and Petr Švenda. "Avalanche Effect in Improperly Initialized CAESAR Candidates." MEMICS 2016, pp. 72-81.	5	0.8
2		Dang Nguyen, Dat Tran, Wanli Ma, Khoa Nguyen, "EEG-Based Random Number Generators." *International Conference on Network and System Security*. Springer, Cham, 2017.	5	0.8
3		Dang Nguyen, Dat Tran, Wanli Ma, Khoa Nguyen, Random Number Generators Based on EEG Non-linear and Chaotic Characteristics, *Journal of Cyber Security and Mobility, Vol: 6 Issue: 3, July 2017, Article No: 4, Page: 305-338*	5	0.8
4		Sýs, M., Z. Říha, and V. Matyáš. "Optimalizovaná batéria štatistických testov NIST STS." *Sborník příspěvků*: 63.	5	0.8
5		Yingnan Sun, B. Lo, Random Number Generation Using Inertial Measurement Unit Signals for On-Body IoT Devices, Living in the Internet of Things: Cybersecurity of the IoT - 2018, pp. 9	5	0.8
6		Subhrajyoti Deb, Bubu Bhuyan, Performance evaluation of Grain family and Espresso ciphers for applications on resource constrained devices, ICT Express, Volume 4, Issue 1, ISSN: 2405-9595, March 2018, Pages 19-23	5	0.8

7	N. Deak, T. Gyorfi, K. Marton, L. Vacariu, O. Cret, Highly Efficient True Random Number Generator in FPGA Devices Using Phase-Locked Loops, CSCS20: The 20th International Conference on Control Systems and Computer Science, May 2015, pp 453 – 458.	Tehranipoor, Fatemeh, Wei Yan, and John A. Chandy. "Robust hardware true random number generators using dram remanence effects." *Hardware Oriented Security and Trust (HOST), 2016 IEEE International Symposium on*. IEEE, 2016.	5	0.8
8		Fakhreddine Ghaffari, Ali Akoglu, Bane Vasic and David Declercq, Multi-mode Low-latency Software-defined Error Correction for Data Centers, Computer Communication and Networks (ICCCN), 2017 26th International Conference on,	5	0.8
9		Fakhreddine Ghaffari, Burak Unal, Ali Akoglu, Khoa Le, David Declercq and Bane Vasi c, Efficient FPGA Implementation of ProbabilisticGallager B LDPC Decoder, Electronics, Circuits and Systems (ICECS), 2017 24th IEEE International Conference on, pp. 178-181	5	0.8
10	Alin Suciu, K. Marton, I. Nagy, and I. Pinca, Byte-oriented efficient implementation of the NIST statistical test suite, in 2010 IEEE International Conference on Automation, Quality and Testing, Robotics, AQTR 2010 - Proceedings, vol. 2, pp. 17-22, 2010.	Marek Sýs, Zdeněk Říha, Faster Randomness Testing with the NIST Statistical Test Suite, Security, Privacy, and Applied Cryptography Engineering Lecture Notes in Computer Science Volume 8804, 2014, pp. 272-284,	4	1
11		Changhwan Son, Wooyeol Park, HyeongGyun Kim, KyungSook Han, Changwoo Pyo. Parallel Implementation of Random Excursions Test in CUDA Environment, 2014 Korea Information Science Society 41th Annual General Meeting and Winter Conference, http://www.dbpia.co.kr/Journal/ArticleDetail/NODE06228532	4	1
12		Suresh, Vikram B., Daniele Antonioli, and Wayne P. Burleson. "On-chip lightweight implementation of reduced NIST randomness test suite." *Hardware-Oriented Security and Trust (HOST), 2013 IEEE International Symposium on*. IEEE, 2013.	4	1
13		손창환, et al. "CUDA 환경에서 CUSUM 검증의 병렬화." *정보과학회 컴퓨팅의 실제 논문지* 21.7 (2015): 476-481.	4	1
14		朱思义, and 李琳. "随机性检测综述." *电信技术研究* 1 (2016): 47-54.	4	1
15		Dabal, Pawel, and Ryszard Pelka. "An integrated system for statistical testing of pseudo-random generators in FPGA devices." *Signals and Electronic Systems (ICSES), 2012 International Conference on*. IEEE, 2012.	4	1
16		Dąbal, P., and R. Pełka. "An automated method for statistical testing of FPGA-based pseudo-random generators." *Elektronika: konstrukcje, technologie, zastosowania* 54.2 (2013): 58-63.	4	1

17	K.Marton, A.Suciu, I.Ignat, Randomness in digital cryptography: A survey, Romanian Journal of Information Science and Technology, Volume 13, Number 3/2010, ISSN: 1453-8245, pp. 219–240	Suresh, V.B., Burleson, W.P. REFLEX: Reconfigurable logic for entropy extraction, (2014) International System on Chip Conference, art. no. 6948951, pp. 341-346.	3	1.33333333	
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Total punctaj A3.1.2. **46.2**

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