Fisa de verificare a indeplinirii standardelor minimale in domeniul Informatica conform Ordinului MENCS nr. 6129 din 20.12.2016

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Centralizator verificare perspective

Perspectiva	Conditii minimale	Punctaj realizat	Indeplinit
a) Etica cercetarii	Se respecta normele de etica a cercetarii.	**Am respectat normele de etica a cercetarii.**	**DA**
b) Productia stiintifica	**A*+A+B+C ≥ 56** **A*+A≥ 24** **A*+A+B ≥ 40**	**A*+A+B+C = 69.5** **A*+A = 34** **A*+A+B = 52**	**DA**
c) Impactul rezultatelor	**A*+A+B+C+D ≥ 120** **A*+A+B≥ 40**	**A*+A+B+C+D = 407.08** **A*+A+B = 322.33**	**DA**
d) Performanta academica	**60 puncte** Minim un proiect cu cel putin 2 membri, obtinut de candidat prin competitie la nivel national sau international.	**103 puncte** **Am condus minim un proiect cu cel putin 2 membri, obtinut prin competitie la nivel national sau international.**	**DA**

a) Etica cercetarii

Subsemnatul Florin Craciun am respectat toate normele de etica a cercetarii si prin urmare evaluez indeplinirea perspectivei a) cu calificativul: **indeplinit.**

b) Productia stiintifica
Calificativul a fost **indeplinit,** dupa cum urmeaza:
A*+A+B+C = **69.5**
A*+A = **34**
A*+A+B = **52**

Publicatia	Tip publicatie	Categoria	Conferinta/Revista	Formula de calcul $\frac{Forum}{max(1, na-2)}$	Punctaj
FORUM A*					
1. Wei-Ngan Chin, **Florin Craciun**, Siau-Cheng Khoo, and Corneliu Popeea. 2006. A flow-based approach for variant parametric types. In *Proceedings of the 21st annual ACM SIGPLAN conference on Object-oriented programming systems, languages, and applications* (OOPSLA '06). ACM, USA, 273-290, http://dx.doi.org/10.1145/1167473.1167498	**conferinta**	**A***	**ACM SIGPLAN conference on Object-oriented programming systems, languages, and applications (OOPSLA)**	**12 — (4-2)**	**6**
2. Wei-Ngan Chin, **Florin Craciun**, Shengchao Qin, and Martin Rinard. 2004. Region inference for an object-oriented language. In *Proceedings of the ACM SIGPLAN 2004 conference on Programming language design and implementation (PLDI '04).* ACM, USA, 243-254. http://dx.doi.org/10.1145/996841.996871	**conferinta**	**A***	**ACM SIGPLAN conference on Programming language design and implementation (PLDI)**	**12 — (4-2)**	**6**
				Total punctaj publicatii in forumuri A*	**12**

Publicatia	Tip publicatie	Categoria	Conferinta/Revista	Formula de calcul $\frac{Forum}{max(1, na-2)}$	Punctaj
FORUM A					
1. Florin Craciun, Wei-Ngan Chin, and Shengchao Qin. Variant Region Types. 2018. In Proceedings of the 23rd International Conference on Engineering of Complex Computer Systems *(ICECCS '18).* IEEE Computer Society. Melbourne, Australia. 12-14 December 2018. https://doi.org/10.1109/ICECCS2018.2018.00021	**conferinta**	**A**	**International Conference on Engineering of Complex Computer Systems (ICECCS)**	**8 — (3-2)**	**8**
2. Florin Craciun, Tibor Kiss, and Andreea Costea. 2015. Towards a Session Logic for Communication Protocols. In Proceedings of the 2015 20th International Conference on Engineering of Complex Computer Systems (ICECCS) *(ICECCS '15).* IEEE Computer Society, Washington, DC, USA, 140-149. http://dx.doi.org/10.1109/ICECCS.2015.33	**conferinta**	**A**	**International Conference on Engineering of Complex Computer Systems (ICECCS)**	**8 — (3-2)**	**8**
3. Wei-Ngan Chin, Cristian Gherghina, Răzvan Voicu, Quang Loc Le, **Florin Craciun**, and Shengchao Qin. 2011. A specialization calculus for pruning disjunctive predicates to support verification. In *Proceedings of the 23rd international conference on Computer aided verification* (CAV'11), Springer-Verlag, 293-309. https://doi.org/10.1007/978-3-642-22110-1_23	**conferinta**	**A**	**International conference on Computer aided verification (CAV)**	**8 — (6-2)**	**2**
4. Florin Craciun, Wei-Ngan Chin, Guanhua He, and Shengchao Qin. 2009. An Interval-Based Inference of Variant Parametric Types. In *Proceedings of the 18th European Symposium on Programming Languages and Systems: Held as Part of the Joint European Conferences on Theory and Practice of Software, ETAPS 2009 (ESOP '09),* Springer-Verlag, 112-127. http://dx.doi.org/10.1007/978-3-642-00590-9_9.	**conferinta**	**A**	**European Symposium on Programming Languages (ESOP)**	**8 — (4-2)**	**4**
				Total punctaj publicatii in forumuri A	**22**
				Total punctaj publicatii in forumuri A* + A	**34**

Publicatia	Tip publicatie	Categoria	Conferinta/Revista	Formula de calcul $\frac{Forum}{max(1, na-2)}$	Punctaj
FORUM B					
1. Andreea Costea, Wei-Ngan Chin, Shengchao Qin, and **Florin Craciun**. 2018. Automated Modular Verification for Relaxed Communication Protocols. In *Asian Symposium of Programming Languages and Systems (APLAS'18).* Wellington, New Zealand, 2-6 December 2018. https://doi.org/10.1007/978-3-030-02768-1_16	**conferinta**	**B**	**Asian Symposium on Programming Languages and Systems (APLAS)**	**4 — (4-2)**	**2**
2. Zhiwu Xu, Kerong Ren, Shengchao Qin and **Florin Craciun**. 2018. CDGDroid: Android Malware Detection Based on Deep Learning using CFG and DFG. In *20th International Conference on Formal Engineering Methods (ICFEM'18). Gold Coast, Australia. 12-16 November 2018. https://doi.org/10.1007/978-3-030-02450-5_11*	**conferinta**	**B**	**International Conference on Formal Engineering Methods and Software Engineering (ICFEM)**	**4 — (4-2)**	**2**
3. Guanhua He, Shengchao Qin, Wei-Ngan Chin and **Florin Craciun.** 2013. Automated Specification Discovery via User-Defined Predicates, In *Formal Methods and Software Engineering: 15th International Conference on Formal Engineering Methods, ICFEM 2013*, Queenstown, New Zealand, October 29 -- November 1, 2013, Springer Berlin, 397—414, https://doi.org/10.1007/978-3-642-41202-8_26	**conferinta**	**B**	**International Conference on Formal Engineering Methods and Software Engineering (ICFEM)**	**4 — (4-2)**	**2**
4. Chenguang Luo, **Florin Craciun**, Shengchao Qin, Guanhua He, Wei-Ngan Chin. 2010. Verifying pointer safety for programs with unknown calls, *Journal of Symbolic Computation,* Volume 45, Issue 11, 2010, Pages 1163-1183, ISSN 0747-7171, http://dx.doi.org/10.1016/j.jsc.2010.06.003.	**jurnal**	**B**	**Journal of Symbolic Computation, ISSN 0747-7171**	**4 — (5-2)**	**1.33**
5. Shengchao Qin, Chenguang Luo, Guanhua He, **Florin Craciun**, and Wei-Ngan Chin. 2010. Verifying heap-manipulating programs with unknown procedure calls. In *Proceedings of the 12th International conference on Formal engineering methods and software engineering (ICFEM'10),* Springer-Verlag, Berlin, Heidelberg, 171-187.	**conferinta**	**B**	**International Conference on Formal Engineering Methods and Software Engineering (ICFEM)**	**4 — (5-2)**	**1.33**

Publicatia	Tip publicatie	Categoria	Conferinta/Revista	Formula de calcul $\frac{Forum}{max(1, na-2)}$	Punctaj
https://doi.org/10.1007/978-3-642-16901-4_13					
6. Florin Craciun, Chenguang Luo, Guanhua He, Shengchao Qin and Wei-Ngan Chin, Discovering Specifications for Unknown Procedures - Work in Progress.2009, *Second International Workshop on Invariant Generation Held as Workshop of the Joint European Conferences on Theory and Practice of Software, ETAPS 2009 (ESOP, CC, FOSSACS), (WING 2009)*, EPiC Series in Computing, volume 1, 76—91, 2010. http://mtc.epfl.ch/events/WING09/Program.php	**Workshop asociat unui grup de conferinte de categorie A**	**B**	**International Workshop on Invariant Generation Held as Workshop of the Joint European Conferences on Theory and Practice of Software, ETAPS 2009 (ESOP, CC, FOSSACS), (WING 2009). unde ESOP; CC; FOSSACS sunt de categorie A, www.etaps.org/2009/**	**4 — (5-2)**	**1.33**
7. Florin Craciun, Shengchao Qin, and Wei-Ngan Chin. 2008. A Formal Soundness Proof of Region-Based Memory Management for Object-Oriented Paradigm. In *Proceedings of the 10th International Conference on Formal Methods and Software Engineering (ICFEM '08),* Springer-Verlag, 126-146. http://dx.doi.org/10.1007/978-3-540-88194-0_10	**conferinta**	**B**	**International Conference on Formal Engineering Methods and Software Engineering (ICFEM)**	**4 — (3-2)**	**4**
8. Alexandru Stefan, **Florin Craciun**, and Wei-Ngan Chin. 2008. A Flow-Sensitive Region Inference for CLI. In *Proceedings of the 6th Asian Symposium on Programming Languages and Systems (APLAS '08*), Springer-Verlag, 19-35, http://dx.doi.org/10.1007/978-3-540-89330-1_3	**conferinta**	**B**	**Asian Symposium on Programming Languages and Systems (APLAS)**	**4 — (3-2)**	**4**
				Total punctaj publicatii in forumuri B	**18**
				Total punctaj publicatii in forumuri A*+A+B	**52**

Publicatia	Tip publicatie	Categoria	Conferinta/Revista	Formula de calcul $\frac{Forum}{max(1, na-2)}$	Punctaj
FORUM C					
1. Florin Craciun and Gabriel Glodean. Towards Compiling Region Types into RTSJ-compliant Java Code. 2018. In *Symbolic and Numeric Algorithms for Scientific Computing (SYNASC' 18)*. Timisoara, Romania. 20-23 September 2018, pp. 101-108. https://doi.org/10.1109/SYNASC.2018.00028	**conferinta**	**C**	**International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC)**	**2 — 1**	**2**
2. Shengchao Qin, Guanhua He, Wei-Ngan Chin, **Florin Craciun,** Mengda He, Zhong Ming. 2017.Automated specification inference in a combined domain via user-defined predicates, *Science of Computer Programming*, 2017, ISSN 0167-6423, Elsevier, http://dx.doi.org/10.1016/j.scico.2017.05.007.	**jurnal**	**C**	**Science of Computer Programming (ISSN 0167-6423)**	**2 — (6-2)**	**0.5**
3. Tibor Kiss, **Florin Craciun** and Bazil Parv, Verification of protocol specifications with Separation Logic. 2015. *2015 IEEE International Conference on Intelligent Computer Communication and Processing (ICCP)*, Cluj-Napoca, 2015, pp. 109-116. doi: 10.1109/ICCP.2015.7312614	**conferinta**	**C**	**IEEE International Conference on Intelligent Computer Communication and Processing (ICCP)**	**2 — (3-2)**	**2**
4. Quang Loc Le, Asankhaya Sharma, **Florin Craciun**, Wei-Ngan Chin, Towards Complete Specifications with an Error Calculus, 2013. In Proceedings of *NASA Formal Methods: 5th International Symposium, NFM 2013*, Moffett Field, CA, USA, May 14-16, 2013, Springer Berlin Heidelberg, LNCS, volume 7871, 291—306, isbn=978-3-642-38088-4, https://doi.org/10.1007/978-3-642-38088-4_20.	**conferinta**	**C**	**International Symposium NASA Formal Methods (NFM), LNCS volume**	**2 — (4-2)**	**1**
5. Wei-Ngan Chin, **Florin Craciun**, Siau-Cheng Khoo, and Corneliu Popeea. 2006. A flow-based approach for variant parametric types. In *ACM SIGPLAN Notices,* Volume 41 Issue 10, 273-290, October 2006.	**jurnal**	**C**	**ACM SIGPLAN Notices, ISSN 0362-1340**	**2 — (4-2)**	**1**
6. Florin Craciun, Hong Yaw Goh, and Wei-Ngan Chin. 2006. A framework for object-oriented program analyses via Core-Java. In *IEEE International Conference on Intelligent Computer Communication and Processing*. 197- 205. September 2006.	**conferinta**	**C**	**IEEE International Conference on Intelligent Computer Communication and Processing (ICCP)**	**2 — (3-2)**	**2**

Publicatia	Tip publicatie	Categoria	Conferinta/Revista	Formula de calcul $\frac{Forum}{max(1, na-2)}$	Punctaj
7. Wei-Ngan Chin, **Florin Craciun**, Shengchao Qin, and Martin Rinard. 2004. Region inference for an object-oriented language. In *SIGPLAN Notices,* Volume 39, Issue 6, June 2004, 243-254.	**jurnal**	**C**	**ACM SIGPLAN Notices, ISSN 0362-1340**	**2 — (4-2)**	**1**
8. Ioan Alfred Letia, **Florin Craciun**, and Zoltan Köpe. 2001. Norms for DLP Agents Working in a Warehouse Scenario. In *Proceedings of the 14th International conference on Industrial and engineering applications of artificial intelligence and expert systems: engineering of intelligent systems* (IEA/AIE '01), Springer-Verlag, UK, 728-733. https://doi.org/10.1007/3-540-45517-5_80	**conferinta**	**C**	**International conference on Industrial and engineering applications of artificial intelligence and expert systems: engineering of intelligent systems (IEA/AIE)**	**2 — (3-2)**	**2**
9. Ioan Alfred Letia, **Florin Craciun**, and Zoltan Köpe. 2000. Towards Validation of Specifications by Simulation. In *Revised Papers from the International Workshop on Infrastructure for Multi-Agent Systems: Infrastructure for Agents, Multi-Agent Systems, and Scalable Multi-Agent Systems*,Springer-Verlag, LNCS, volume 1887, 293-295. https://doi.org/10.1007/3-540-47772-1_29	**conferinta LNCS**	**C**	**International Workshop on Infrastructure for Multi-Agent Systems: Infrastructure for Agents, Multi-Agent Systems, and Scalable Multi-Agent Systems**, **Springer-Verlag, LNCS volume**	**2 — (3-2)**	**2**
10. Ioan Alfred Letia, **Florin Craciun**, Zoltan Köpe, and Aurel Netin, 2000. Distributed diagnosis by BDI agents, *IASTED International Conference Applied Informatics (AI)*, Innsbruck, Austria, February, 2000, ACTA Press, 862-867.	**conferinta**	**C**	**IASTED International Conference Applied Informatics (AI)**	**2 — (4-2)**	**1**
11. Ioan Alfred Letia, **Florin Craciun**, and Zoltan Köpe. 2000. Validating the Behavior of Self-Interested Agents in an Information Market Scenario. In *Proceedings of the Second International Conference on Intelligent Data Engineering and Automated Learning, Data Mining, Financial Engineering, and Intelligent Agents (IDEAL '00)*, Springer-Verlag, UK, 392-397. https://doi.org/10.1007/3-540-44491-2_57	**conferinta**	**C**	**International Conference on Intelligent Data Engineering and Automated Learning (IDEAL)**	**2 — (3-2)**	**2**
12. Ioan Alfred Letia, **Florin Craciun**, Zoltan Köpe, and Alexandru Lelutiu. 2000. First Experiments for Mining Sequential Patterns on Distributed Sites with Multi-Agents. In *Proceedings of the Second International Conference on Intelligent Data Engineering and Automated Learning, Data Mining, Financial Engineering, and Intelligent Agents (IDEAL*	**conferinta**	**C**	**International Conference on Intelligent Data Engineering and Automated Learning (IDEAL)**	**2 — (4-2)**	**1**

Publicatia	Tip publicatie	Categoria	Conferinta/Revista	Formula de calcul $\frac{Forum}{max(1, na-2)}$	Punctaj
'00), Springer-Verlag, London, UK, 187-192. https://doi.org/10.1007/3-540-44491-2_28					
				Total punctaj publicatii in forumuri C	**17.5**
				Total punctaj publicatii in forumuri A*+A+B+C	**69.5**

c) Impactul rezultatelor:

Calificativul a fost **indeplinit,** dupa cum urmeaza:
A*+A+B+C+D = 407.08
A*+A+B = 322.33

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Wei-Ngan Chin, **Florin Craciun**, Shengchao Qin, and Martin Rinard. 2004. Region inference for an object-oriented language. In *Proceedings of the ACM SIGPLAN 2004 conference on Programming language design and implementation (PLDI '04)*. ACM, USA, 243-254. http://dx.doi.org/10.1145/996841.996871					**A*+A+B = 62** **A*+A+B+C+D = 82.5**	
1	Sigmund Cherem and Radu Rugina. 2004. Region analysis and transformation for Java programs. In *Proceedings of the 4th international symposium on Memory management* (ISMM '04). ACM, USA, 85-96. http://dx.doi.org/10.1145/1029873.1029884	**conferinta**	**B**	International symposium on memory management (ISMM)	**4** **—** **(4-2)**	**2**
2	Chin, W. N., Nguyen, H. H., Qin, S. C., & Rinard, M. (2004). Predictable memory usage for object-oriented programs.*Technical report, School of Computing, National University of Singapore*.	**Raport tehnic**	**D**		**1** **—** **(4-2)**	**0.5**
3	Chris Lattner and Vikram Adve. 2005. Automatic pool allocation: improving performance by controlling data structure layout in the heap. In *Proceedings of the 2005 ACM SIGPLAN conference on Programming language design and implementation* (PLDI '05). ACM, USA, 129-142. http://dx.doi.org/10.1145/1065010.1065027	**conferinta**	**A***	ACM SIGPLAN conference on Programming language design and implementation (PLDI)	**12** **—** **(4-2)**	**6**
4	Chris Lattner and Vikram Adve. 2005. Automatic pool allocation: improving performance by controlling data structure layout in the heap. ACM S*IGPLAN Notices,* 40, 6 (June 2005), 129-142. http://dx.doi.org/10.1145/1064978.1065027	**jurnal**	**C**	ACM SIGPLAN Notices	**2** **—** **(4-2)**	**1**
5	Meredith, P. O. N., Pankaj, B., Sahoo, S. K., Lattner, C. A., & Adve, V. S. (2005). How Successful Is Data Structure Analysis in Isolating and Analyzing Linked Data Structures? *Technical report, University of Illinois at Urbana-Champaign.*	**Raport tehnic**	**D**		**1** **—** **(4-2)**	**0.5**
6	Christopher Arthur Lattner. 2005. Macroscopic Data Structure Analysis and Optimization. *Ph.D. Dissertation.*	**Teza doctorat**	**D**		**1** **—**	**0.5**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
	University of Illinois at Urbana-Champaign, Champaign, IL, USA. Advisor(s) Vikram Adve. AAI3182303.				**(4-2)**	
7	McKinley, Samuel Z. Guyer Kathryn S., and Daniel Frampton. A Static Analysis for Automatic Individual Object Reclamation in Java. Technical report University of Texas, 2005.	**Raport tehnic**	**D**		**1 — (4-2)**	**0.5**
8	Sigmund Cherem and Radu Rugina. 2005. A Verifier for Region-Annotated Java Bytecodes. *Electronic Notes Theoretical Computer Science,*141, 1 (December 2005), 183-201. http://dx.doi.org/10.1016/j.entcs.2005.02.030	**Jurnal indexat SCOPUS**	**C**	Electronic Notes Theoretical Computer Science	**2 — (4-2)**	**1**
9	Dinakar Dhurjati, Sumant Kowshik, Vikram Adve, and Chris Lattner. 2005. Memory safety without garbage collection for embedded applications. *ACM Trans. Embed. Comput. Syst.* 4, 1 (February 2005), 73-111. https://doi.org/10.1145/1053271.1053275	**Jurnal**	**C**	ACM Transactions on Embedded Computing Systems (TECS)	**2 — (4-2)**	**1**
10	Dinakar Dhurjati, Sumant Kowshik, and Vikram Adve. 2006. SAFECode: enforcing alias analysis for weakly typed languages. In *Proceedings of the 27th ACM SIGPLAN Conference on Programming Language Design and Implementation* (PLDI '06). ACM, USA, 144-157. http://dx.doi.org/10.1145/1133981.1133999	**conferinta**	**A***	ACM SIGPLAN conference on Programming language design and implementation (PLDI)	**12 — (4-2)**	**6**
11	Dinakar Dhurjati, Sumant Kowshik, and Vikram Adve. 2006. SAFECode: enforcing alias analysis for weakly typed languages. *SIGPLAN Not.* 41, 6 (June 2006), 144-157. http://dx.doi.org/10.1145/1133255.1133999	**jurnal**	**C**	ACM SIGPLAN Notices	**2 — (4-2)**	**1**
12	Samuel Z. Guyer, Kathryn S. McKinley, and Daniel Frampton. 2006. Free-Me: a static analysis for automatic individual object reclamation. In *Proceedings of the 27th ACM SIGPLAN Conference on Programming Language Design and Implementation* (PLDI '06). ACM, USA, 364-375.http://dx.doi.org/10.1145/1133981.1134024	**conferinta**	**A***	ACM SIGPLAN conference on Programming language design and implementation (PLDI)	**12 — (4-2)**	**6**
13	Samuel Z. Guyer, Kathryn S. McKinley, and Daniel Frampton. 2006. Free-Me: a static analysis for automatic individual object reclamation. *SIGPLAN Not.* 41, 6 (June 2006), 364-375. http://dx.doi.org/10.1145/1133255.1134024	**jurnal**	**C**	ACM SIGPLAN Notices	**2 — (4-2)**	**1**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
14	Sigmund Cherem and Radu Rugina. 2006. Compile-time deallocation of individual objects. In *Proceedings of the 5th international symposium on Memory management* (ISMM '06). ACM, USA, 138-149. http://dx.doi.org/10.1145/1133956.1133975	**conferinta**	**B**	International symposium on memory management (ISMM)	**4 — (4-2)**	**2**
15	Sumant Jagadish Kowshik. 2006. *Static Analysis for Architecture-Implementation Conformance in Robust Embedded Systems*. Ph.D. Dissertation. University of Illinois at Urbana-Champaign, Champaign, IL, USA. Advisor(s) Lui Sha. AAI3223634.	**Teza de doctorat**	**D**		**1 — (4-2)**	**0.5**
16	Borg, Andrew, and Andy Wellings. Scoped, coarse-grain memory management and the RTSJ scoped memory model in the development of real-time applications. *Int. J. of Embedded Systems* 2.3/4 (2006): 166-183.	**Jurnal**	**D**	International Journal of Embedded Systems	**1 — (4-2)**	**0.5**
17	Borg, Andrew. Coarse Grain Memory Management in Real-time Systems. 2006. *PhD Thesis. University of York.*	**Teza doctorat**	**D**		**1 — (4-2)**	**0.5**
18	Ching Han Yu. 2006. *Memory Management Strategies to Improve the Space-Time Performance of Java Programs*. Ph.D. Dissertation. University of Hong Kong (People's Republic of China). AAI0819123	**Teza doctorat**	**D**		**1 — (4-2)**	**0.5**
19	Guillaume Salagnac, Christophe Rippert, and Sergio Yovine. 2007. Semi-Automatic Region-Based Memory Management for Real-Time Java Embedded Systems. In *Proceedings of the 13th IEEE International Conference on Embedded and Real-Time Computing Systems and Applications* (RTCSA '07). IEEE Computer Society, 73-80. http://dx.doi.org/10.1109/RTCSA.2007.67	**conferinta**	**B**	IEEE International Conference on Embedded and Real-Time Computing Systems and Applications (RTCSA)	**4 — (4-2)**	**2**
20	Sigmund Cherem and Radu Rugina. 2007. Uniqueness inference for compile-time object deallocation. In *Proceedings of the 6th international symposium on Memory management* (ISMM '07). ACM, USA, 117-128. http://dx.doi.org/10.1145/1296907.1296923	**conferinta**	**B**	International symposium on memory management (ISMM)	**4 — (4-2)**	**2**
21	Berthier, Nicolas. Gestion hybride de la mémoire dynamique dans les systèmes Java temps-réel. *Rapport de magistère 2, Université Joseph Fourier (Grenoble),*	**Raport tehnic**	**D**		**1 — (4-2)**	**0.5**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
	(2007): 115-139.					
22	Tian Zhao, Jason Baker, James J. Hunt, James Noble, and Jan Vitek. 2008. Implicit ownership types for memory management. *Sci. Comput. Program.* 71, 3 (May 2008), 213-241. http://dx.doi.org/10.1016/j.scico.2008.04.001	**jurnal**	**C**	Science of Computer Programming (ISSN 0167-6423)	**2 — (4-2)**	**1**
23	Xi Wang, Zhilei Xu, Xuezheng Liu, Zhenyu Guo, Xiaoge Wang, and Zheng Zhang. 2008. Conditional correlation analysis for safe region-based memory management. In *Proceedings of the 29th ACM SIGPLAN Conference on Programming Language Design and Implementation* (PLDI '08). ACM, USA, 45-55. http://dx.doi.org/10.1145/1375581.1375588	**conferinta**	**A***	ACM SIGPLAN conference on Programming language design and implementation (PLDI)	**12 — (4-2)**	**6**
24	Xi Wang, Zhilei Xu, Xuezheng Liu, Zhenyu Guo, Xiaoge Wang, and Zheng Zhang. 2008. Conditional correlation analysis for safe region-based memory management. In *ACM SIGPLAN Notices*. ACM, volume 43, issue 6, 45-55.	**jurnal**	**C**	ACM SIGPLAN Notices	**2 — (4-2)**	**1**
25	Salagnac, Guillaume. Synthèse de gestionnaires mémoire pour applications Java temps-réel embarquées. *Phd Dissertation, Université Joseph Fourier (Grenoble),* 2008.	**Teza doctorat**	**D**		**1 — (4-2)**	**0.5**
26	Alin Jula. 2008. Improving Locality with Dynamic Memory Allocation. *Ph.D. Dissertation. Texas A & M University, College Station, TX, USA.* Advisor(s) Lawrence Rauchwerger. AAI3333697.	**Teza doctorat**	**D**		**1 — (4-2)**	**0.5**
27	Mark Marron. 2008. Modeling the Heap: A Practical Approach. *Ph.D. Dissertation. University of New Mexico, Albuquerque*, NM, USA. Advisor(s) Deepak Kapur. AAI3346744.	**Teza doctorat**	**D**		**1 — (4-2)**	**0.5**
28	Maria Eva Jump. 2009. *Discovering Heap Anomalies in the Wild*. Ph.D. Dissertation. University of Texas at Austin, Austin, TX, USA. Advisor(s) Kathryn S. Mckinley. AAI3373283.	**Teza doctorat**	**D**		**1 — (4-2)**	**0.5**
29	Mohsen Vakilian, Danny Dig, Robert Bocchino, Jeffrey Overbey, Vikram Adve, and Ralph Johnson. 2009. Inferring Method Effect Summaries for Nested Heap Regions. In *Proceedings of the 2009 IEEE/ACM International Conference on Automated Software Engineering* (ASE	**conferinta**	**A**	IEEE/ACM International Conference on Automated Software Engineering (ASE)	**8 — (4-2)**	**4**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
	'09). IEEE Computer Society, Washington, DC, USA, 421-432. DOI=http://dx.doi.org/10.1109/ASE.2009.68					
30	Aditya Kulkarni, Yu David Liu, and Scott F. Smith. 2010. Task types for pervasive atomicity. In *Proceedings of the ACM international conference on Object oriented programming systems languages and applications* (OOPSLA '10). ACM, USA, 671-690. https://doi.org/10.1145/1869459.1869514	**conferinta**	**A***	ACM international conference on Object oriented programming systems languages and applications (OOPSLA)	**12 — (4-2)**	**6**
31	Aditya Kulkarni, Yu David Liu, and Scott F. Smith. 2010. Task types for pervasive atomicity. *SIGPLAN Not.* 45, 10 (October 2010), 671-690. https://doi.org/10.1145/1932682.1869514	**jurnal**	**C**	ACM SIGPLAN Notices	**2 — (4-2)**	**1**
32	Frampton, Daniel. Garbage collection and the case for high-level low-level programming. *PhD Dissertation, Australian National University*, 2010.	**Teza doctorat**	**D**		**1 — (4-2)**	**0.5**
33	Hamza, H., and S. Counsell. The Execution Time Overhead of Entering and Exiting Scoped Memory in Real-Time Java Applications. *International Conference on Computer Engineering and Technology, 3rd (ICCET 2011)*. ASME Press, 2011.	**conferinta**	**D**	International Conference on Computer Engineering and Technology	**1 — (4-2)**	**0.5**
34	Montes, Manuel Montenegro. Safety properties and memory bound analysis in a functional language without a garbage collector. *PhD Dissertation, Universidad Complutense de Madrid,* 2011.	**Teza doctorat**	**D**		**1 — (4-2)**	**0.5**
35	Masson, Damien, and Serge Midonnet. Handling non-periodic events in real-time java systems. *Distributed, Embedded and Real-time Java Systems. Springer US*, 2012. 45-77.	**Carte in editura de categorie B**	**B**	Distributed, Embedded and Real-time Java Systems in editura Springer	**4 — (4-2)**	**2**
36	Holgado-Terriza, Juan Antonio, and Jaime Viúdez-Aivar. Javaes, a flexible java framework for embedded systems. *Distributed, Embedded and Real-time Java Systems*. Springer, 2012. 323-355.	**Carte in editura de categorie B**	**B**	Distributed, Embedded and Real-time Java Systems in editura Springer	**4 — (4-2)**	**2**
37	Higuera-Toledano, M. Teresa, Sergio Yovine, and Diego Garbervetsky. Region-Based Memory Management: An Evaluation of Its Support in RTSJ. *Distributed, Embedded and Real-time Java Systems*. Springer, 2012. 101-127.	**Carte in editura de categorie B**	**B**	Distributed, Embedded and Real-time Java Systems in editura Springer	**4 — (4-2)**	**2**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
38	Phan, Quan, Gerda Janssens, and Zoltan Somogyi. Region-based memory management for Mercury programs. *Theory and Practice of Logic Programming* 13.6 (2013): 959-1024.	**jurnal**	**A**	Theory and Practice of Logic Programming	**8 — (4-2)**	**4**
39	Clemens Lang, Compiler-Assisted Memory Management Using Escape Analysis in the KESO JVM, *Master's Thesis, University of Erlangen, Dept. of Computer Science*, Jun 2014	**Raport tehnic**	**D**		**1 — (4-2)**	**0.5**
40	Isabella Stilkerich, Clemens Lang, Christoph Erhardt, and Michael Stilkerich. 2015. A Practical Getaway: Applications of Escape Analysis in Embedded Real-Time Systems. In*Proceedings of the 16th ACM SIGPLAN/SIGBED Conference on Languages, Compilers and Tools for Embedded Systems 2015* (LCTES'15). ACM, New York, NY, USA, Article 4, 11 pages. http://dx.doi.org/10.1145/2670529.2754961	**conferinta**	**A**	ACM SIGPLAN/SIGBED Conference on Languages, Compilers and Tools for Embedded Systems (LCTES')	**8 — (4-2)**	**4**
41	Isabella Stilkerich, Clemens Lang, Christoph Erhardt, and Michael Stilkerich. 2015. A Practical Getaway: Applications of Escape Analysis in Embedded Real-Time Systems. *SIGPLAN Not.* 50, 5, Article 4 (June 2015), 11 pages. http://dx.doi.org/10.1145/2808704.2754961	**jurnal**	**C**	ACM SIGPLAN Notices	**2 — (4-2)**	**1**
42	Davis, Matthew. Automatic memory management techniques for the go programming language. *PhD Dissertation*. University of Melbourne, Australia, 2015.	**Teza de doctorat**	**D**		**1 — (4-2)**	**0.5**
43	Nouraldin Jaber and Milind Kulkarni. 2017. Data structure-aware heap partitioning. In *Proceedings of the 26th International Conference on Compiler Construction* (CC 2017). ACM, New York, NY, USA, 109-119. https://doi.org/10.1145/3033019.3033030	**conferinta**	**A**	International Conference on Compiler Construction (CC)	**8 — (4-2)**	**4**
44	Stilkerich, I. Cooperative Memory Management in Safety-Critical Embedded Systems. *PhD Dissertation*. Friedrich Alexander University Erlangen-Nuremberg, Germany, 2016.	**Teza de doctorat**	**D**		**1 — (4-2)**	**0.5**
45	Zhuo X., Zhang C. 2019. A Relational Static Semantics for Call Graph Construction. In *Formal Methods and Software*	**conferinta**	**B**	International Conference on Formal Engineering Methods (ICFEM)	**4 —**	**2**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
	Engineering. ICFEM 2019. Lecture Notes in Computer Science, vol 11852. Springer				**(4-2)**	
46	Zhuo, X., Zhang, C. TFA: an efficient and precise virtual method call resolution for Java. *Form Asp Comp* 32**,** 395–416 (2020). https://doi.org/10.1007/s00165-020-00518-z	**jurnal**	**C**	Formal Aspects of Computing	**2 — (4-2)**	**1**
47	Pearce, D. J. (2021). A Lightweight Formalism for Reference Lifetimes and Borrowing in Rust. *ACM Transactions on Programming Languages and Systems (TOPLAS)*, *43*(1), 1-73.	**jurnal**	**C**	ACM Transactions on Programming Languages and Systems (TOPLAS)	**2 — (4-2)**	**1**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Ioan Alfred Letia, **Florin Craciun**, Zoltan Köpe, and Aurel Netin, Distributed diagnosis by BDI agents, *IASTED International Conference Applied Informatics (AI)*, Innsbruck, Austria, 2000, ACTA Press, 862-867.					**A*+A+B = 22** **A*+A+B+C+D = 31.5**	
1	Liviu Miclea, Enyedi Szilárd, and Alfredo Benso. 2002. Itelligent Agents and BIST/BISR Working Together in Distributed Systems. In *Proceedings of the 2002 IEEE International Test Conference* (ITC '02). IEEE Computer Society, Washington, DC, USA, 940-.	**conferinta**	**B**	IEEE International Test Conference (ITC)	**4** **—** **(4-2)**	**2**
2	Miclea, L., Szilard, E., Toderean, G., Benso, A., & Prinetto, P. (2003, September). Agent based DBIST/DBISR and its web/wireless management. In *Test Conference, 2003. Proceedings. ITC 2003. International* (Vol. 2, pp. 131-139). IEEE.	**conferinta**	**B**	IEEE International Test Conference (ITC)	**4** **—** **(4-2)**	**2**
3	Martin Albert, Thomas Längle, Heinz Wörn, Michele Capobianco, Attilio Brighenti, Multi-Agent Systems for Industrial Diagnostics, In *IFAC Symposium on Fault Detection, Supervision and Safety of Technical Processes Proceedings Volumes*, Volume 36, Issue 5, 2003, Pages 459-464, ISSN 1474-6670, https://doi.org/10.1016/S1474-6670(17)36534-5.	**conferinta**	**B**	IFAC Symposium on Fault Detection, Supervision and Safety of Technical Processes	**4** **—** **(4-2)**	**2**
4	Bocaniala, C. D., and J. Sa Da Costa. Novel framework for using causal models in distributed fault diagnosis. *In: Proceedings of the Workshop on Advances in Control and Diagnosis*. 2004.	**workshop**	**D**	Workshop on Advances in Control and Diagnosis Indexat in CiteSeerX	**1** **—** **(4-2)**	**0.5**
5	Slimani, Yahya, Salah Hamami, and Soumaya Darragi. A distributed-based approach for diagnosis of manufacturing systems. *Intelligent Control, 2004. Proceedings of the 2004 IEEE International Symposium on*. IEEE, 2004.	**conferinta**	**B**	IEEE International Symposium on Intelligent Control (ISIC)	**4** **—** **(4-2)**	**2**
6	Liviu Miclea, Szilard Enyedi, Gavril Toderean, Alfredo Benso, and Paolo Prinetto. 2004. Towards Microagent based DBIST/DBISR. In *Proceedings of the International Test Conference on International Test Conference* (ITC '04). IEEE Computer Society, Washington, USA, 867-874.	**conferinta**	**B**	IEEE International Test Conference (ITC)	**4** **—** **(4-2)**	**2**
7	Bocănială, C. D., Costa, J. S. D., & Bumbaru, S., On the applicability of state-of-the-art fault diagnosis methodologies to simple and complex systems. *The Annals of "Dunarea de Jos" University of Galati*, 2005.	**Raport tehnic**	**D**		**1** **—** **(4-2)**	**0.5**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
8	Miclea, L., Enyedi, S., Toderean, G., Gizopoulos, D., & Xenoulis, Y. (2005). Processor-Based Periodic Testing and Repair in Distributed Systems Using Software Agents. In *Proceedings of The 15th International Conference on Control Systems and Computer Science*.	**conferinta**	**D**	International Conference on Control Systems and Computer Science	**1 — (4-2)**	**0.5**
9	Bocănială, C. D, Contributions to Artificial Intelligence Techniques Applied to Fault Diagnosis. PhD Dissertation, University of Galati, 2005.	**Teza doctorat**	**D**		**1 — (4-2)**	**0.5**
10	Bocaniala, C. D., and J. Sa da Costa. Novel methodology for partitioning complex systems for fault diagnosis purposes. In *IFAC Symposium on Fault Detection, Supervision and Safety of Technical Processes Proceedings Volumes,* 38.1 (2005): 172-177.	**conferinta**	**B**	IFAC Symposium on Fault Detection, Supervision and Safety of Technical Processes	**4 — (4-2)**	**2**
11	Larry Bunch, Maggie Breedy, Jeffrey M. Bradshaw, Marco Carvalho, and Niranjan Suri. 2005. KARMEN: multi-agent monitoring and notification for complex processes. In *Proceedings of the Second international conference on Holonic and Multi-Agent Systems for Manufacturing* (HoloMAS'05), LNCS, Springer-Verlag, Berlin, Heidelberg, 197-206. http://dx.doi.org/10.1007/11537847_18	**conferinta**	**C**	International conference on Holonic and Multi-Agent Systems for Manufacturing(HoloMAS), LNCS	**2 — (4-2)**	**1**
12	Bunch, L., Breedy, M., Bradshaw, J. M., Carvalho, M., Danks, D., & Suri, N. (2005, March). Flexible automated monitoring and notification for complex processes using KARMEN. In *Networking, Sensing and Control, 2005. Proceedings. 2005 IEEE* (pp. 443-448). IEEE.	**conferinta**	**C**	International Conference on Networking, Sensing and Control (ICNSC)	**2 — (4-2)**	**1**
13	Liviu Miclea, Szilárd Enyedi, Paolo Prinetto, and Alfredo Benso. 2005. Agent-based test and repair of distributed systems. *Journal Embedded Computer* 1, 3 (August 2005), 405-414.	**jurnal**	**D**	Journal Embedded Computer	**1 — (4-2)**	**0.5**
14	Vasile Palade, Cosmin Danut Bocaniala, and Lakhmi C. Jain. 2006.*Computational Intelligence in Fault Diagnosis (Advanced Information and Knowledge Processing)*. Springer-Verlag New York, Inc., Secaucus, NJ, USA.	**Carte in editura de categorie B**	**B**	Advanced Information and Knowledge Processing in editura Springer	**4 — (4-2)**	**2**
15	Susan Entwisle, Seng Loke, Shonali Krishnaswamy, and Elizabeth Kendall. 2006. AOEX: An Agent-Based Exception Handling Framework for Building Reliable,	**conferinta**	**D**	Joint Conference on Knowledge-Based Software Engineering indexata ACM, DBLP	**1 — (4-2)**	**0.5**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
	Distributed, Open Software Systems. In*Proceedings of the 2006 conference on Knowledge-Based Software Engineering: Proceedings of the Seventh Joint Conference on Knowledge-Based Software Engineering*. IOS Press, Amsterdam, The Netherlands, 233-242.					
16	Bocaniala, Cosmin Danut, and José Sá da Costa. Causal models for distributed fault diagnosis of complex systems. *Computational Intelligence in Fault Diagnosis*. Springer London, 2006. 335-356.	**Carte in editura de categorie B**	**B**	Advanced Information and Knowledge Processing in editura Springer	**4 — (4-2)**	**2**
17	Utton, Peter Covington. Distributed negotiation for fault diagnosis in the connected home. *PhD Dissertation* University of London, 2006.	**Teza doctorat**	**D**		**1 — (4-2)**	**0.5**
18	Nazaraf Shah, Kuo-Ming Chao, and Nick Godwin. 2007. Exception Diagnosis Architecture for Open Multi-Agent Systems. In *Software Engineering for Multi-Agent Systems V*, Ricardo Choren, Alessandro Garcia, Holger Giese, Ho-Fung Leung, Carlos Lucena, and Alexander Romanovsky (Eds.). Lecture Notes In Computer Science, Vol. 4408. Springer-Verlag, Berlin, Heidelberg 77-98. http://dx.doi.org/10.1007/978-3-540-73131-3_5	**Carte in editura de categorie B**	**B**	Software Engineering for Multi-Agent Systems V in editura Springer	**4 — (4-2)**	**2**
19	Enyedi, Sz, L. Miclea, and I. Ştefan. Increasing Systems Availability through Agents and Reconfigurable Systems. *Journal of Automation, Computers, Applied Mathematics, ISSN (*2008): 588-592.	**jurnal**	**D**	Journal of Automation, Computers, Applied Mathematics	**1 — (4-2)**	**0.5**
20	Enyedi, S., Miclea, L., & Stefan, I. (2008, May). Agent-based testing and repair of heterogeneous distributed systems. In *Automation, Quality and Testing, Robotics, 2008. AQTR 2008. IEEE International Conference on* (Vol. 1, pp. 104-108). IEEE.	**conferinta**	**D**	IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR)	**1 — (4-2)**	**0.5**
21	Meir Kalech. 2009. Diagnosing coordination faults in multi-agent systems. *Knowledge Engineering Review,* 24, 4 (December 2009), 411-412. http://dx.doi.org/10.1017/S0269888909990282	**jurnal**	**B**	Knowledge Engineering Review	**4 — (4-2)**	**2**
22	Vasile Palade and Cosmin Danut Bocaniala. 2010. *Computational Intelligence in Fault Diagnosis* (1st ed.). Springer Publishing Company, Incorporated.	**Carte in editura de categorie**	**B**	Computational Intelligence in Fault Diagnosis in editura Springer	**4 — (4-2)**	**2**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
		B				
23	Costache, Marius-Cristian, and Viorel Mînzu. MULTI-AGENT SYSTEMS IN INDUSTRIAL FAULT DIAGNOSIS. *Annals of the University Dunarea de Jos of Galati: Fascicle II, Mathematics, Physics, Theoretical Mechanics* 34.2 (2011).	**Raport tehnic**	**D**		**1 — (4-2)**	**0.5**
24	Costache, Marius-Cristian, and Viorel Minzu. Multi-agent systems in industrial fault diagnosis.*System Theory, Control and Computing (ICSTCC), 2012 16th International Conference on*. IEEE, 2012.	**conferinta**	**D**	International Conference on System Theory, Control and Computing (ICSTCC)	**1 — (4-2)**	**0.5**
25	Passos, Lúcio S., Rosaldo JF Rossetti, and Joaquim Gabriel. Diagnosis of unwanted behaviours in multi-agent systems. *Proceedings of the 11th European Workshop on Multi-Agent Systems*. 2013.	**conferinta**	**C**	European Workshop on Multi-Agent Systems (EUMAS)	**2 — (4-2)**	**1**
26	Rong-jun, D. (2013). A Novel Causal Model Based Distributed Fault Detection Method For Locomotive Electric Traction System. In *2nd International Conference on Advances in Computer Science and Engineering (CSE 2013)*	**conferinta**	**D**	International Conference on Advances in Computer Science and Engineering (CSE)	**1 — (4-2)**	**0.5**
27	Passos, L. S., Rossetti, R. J., & Gabriel, J. (2015). Advances in Fault-Tolerant Multi-Agent Systems. In M. Khosrow-Pour (Ed.), *Encyclopedia of Information Science and Technology, Third Edition* (pp. 7006-7017). Hershey, PA: IGI Global. doi:10.4018/978-1-4666-5888-2.ch690	**Carte in editura de categorie D**	**D**	Encyclopedia of Information Science and Technology	**1 — (4-2)**	**0.5**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Wei-Ngan Chin, **Florin Craciun**, Siau-Cheng Khoo, and Corneliu Popeea. 2006. A flow-based approach for variant parametric types. In *Proceedings of the 21st annual ACM SIGPLAN conference on Object-oriented programming systems, languages, and applications (OOPSLA '06)*. ACM, USA, 273-290, http://dx.doi.org/10.1145/1167473.1167498					**A*+A+B = 31** **A*+A+B+C+D = 34**	
1	Shan Shan Huang, David Zook, and Yannis Smaragdakis. 2007. cJ: enhancing java with safe type conditions. In *Proceedings of the 6th international conference on Aspect-oriented software development* (AOSD '07). ACM, New York, NY, USA, 185-198. https://doi.org/10.1145/1218563.1218584	**conferinta**	**A**	Aspect-oriented software development (AOSD)	**8** **—** **(4-2)**	**4**
2	Nicholas Cameron, Sophia Drossopoulou, and Erik Ernst. 2008. A Model for Java with Wildcards. In *Proceedings of the 22nd European conference on Object-Oriented Programming* (ECOOP '08), Springer-Verlag, Berlin, 2-26. http://dx.doi.org/10.1007/978-3-540-70592-5_2	**conferinta**	**A**	European conference on Object-Oriented Programming (ECOOP)	**8** **—** **(4-2)**	**4**
3	De Koninck, L. (2008). Execution control for Constraint Handling Rules. *PhD thesis, KU Leuven, Belgium*, November 2008.	**Teza de doctorat**	**D**		**1** **—** **(4-2)**	**0.5**
4	Thom Fruhwirth. 2009. *Constraint Handling Rules* (1st ed.). Cambridge University Press, New York, NY, USA.	**Carte in editura de categorie A**	**A**	Constraint Handling Rules (1st ed.) in editura Cambridge University Press	**8** **—** **(4-2)**	**4**
5	Cameron, Nick, Wildcards, Variance and Virtual Classes, *technical report, Imperial College*, 2007.	**Raport tehnic**	**D**		**1** **—** **(4-2)**	**0.5**
6	Cameron, Nicholas Robert. Existential Types for Variance: Java Wildcards and Ownership Types. *PhD Dissertation, Department of Computing, Imperial College* London, 2009.	**Teza doctorat**	**D**		**1** **—** **(4-2)**	**0.5**
7	Sneyers, J., Van Weert, P., Schrijvers, T., & De Koninck, L. (2010). As time goes by: Constraint handling rules. *Theory and practice of logic programming*, *10*(1), 1-47.	**Jurnal**	**A**	Theory and Practice of Logic Programming	**8** **—** **(4-2)**	**4**
8	John Altidor, Christoph Reichenbach, and Yannis Smaragdakis. 2012. Java wildcards meet definition-site variance. In *Proceedings of the 26th European conference on Object-Oriented Programming* (ECOOP'12), Springer-Verlag, 509-534. http://dx.doi.org/10.1007/978-3-642-31057-7_23	**conferinta**	**A**	European conference on Object-Oriented Programming (ECOOP)	**8** **—** **(4-2)**	**4**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
9	John Altidor and Yannis Smaragdakis. 2014. Refactoring Java generics by inferring wildcards, in practice. *SIGPLAN Notices* 49, 10 (October 2014), 271-290.	**jurnal**	**C**	SIGPLAN Notices	**2 — (4-2)**	**1**
10	John Altidor and Yannis Smaragdakis. 2014. Refactoring Java generics by inferring wildcards, in practice. In *Proceedings of the 2014 ACM International Conference on Object Oriented Programming Systems Languages & Applications* (OOPSLA '14). ACM, New York, NY, USA, 271-290. https://doi.org/10.1145/2660193.2660203	**conferinta**	**A***	ACM International Conference on Object Oriented Programming Systems Languages & Applications (OOPSLA)	**12 — (4-2)**	**6**
11	Altidor, John G., Subtyping with Generics: A Unified Approach, 2014, *PhD Dissertations*. University of Massachusetts.	**Teza de doctorat**	**D**		**1 — (4-2)**	**0.5**
12	Frühwirth, T. (2015, August). Constraint handling rules-what else?. In *International Symposium on Rules and Rule Markup Languages for the Semantic Web* (pp. 13-34). Springer, Cham.	**conferinta**	**B**	International Symposium on Rules and Rule Markup Languages for the Semantic Web (RuleML)	**4 — (4-2)**	**2**
13	MILZ, Stefan, et al. Visual SLAM for Automated Driving: Exploring the Applications of Deep Learning. In: *2018 IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops (CVPRW)*. IEEE Computer Society, 2018. p. 360-36010.	**Workshop asociat conferinta A***	**A**	IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops	**6 — (4-2)**	**3**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Quang Loc Le, Asankhaya Sharma, **Florin Craciun**, Wei-Ngan Chin, Towards Complete Specifications with an Error Calculus, In Proceedings of *NASA Formal Methods: 5th International Symposium, NFM 2013*, Moffett Field, CA, USA, May 14-16, 2013, Springer Berlin Heidelberg, LNCS, volume 7871, 291—306, isbn=978-3-642-38088-4, https://doi.org/10.1007/978-3-642-38088-4_20.					**A*+A+B = 24** **A*+A+B+C+D = 30**	
1	Prabawa, A. Y. S. (2013). Static Analysis for JavaScript. Technical report. National University of Singapore	**Raport tehnic**	**D**		**1 — (4-2)**	**0.5**
2	Quang Loc Le, *Automated Verification of Complete Specification with Shape Inference*. *PhD Dissertation, National University of Singapore,* 2014.	**Teza doctorat**	**D**		**1 — (4-2)**	**0.5**
3	Sharma, A. (2014, May). Exploiting undefined behaviors for efficient symbolic execution. In *Companion Proceedings of the 36th International Conference on Software Engineering,* pp. 727-729). ACM.	**Poster conferinta A***	**D**		**1 — (4-2)**	**0.5**
4	Primiero, G., & Raimondi, F. (2015). Software Theory Change for resilient near-complete specifications. *Procedia Computer Science*, *52*, 988-995.	**jurnal**	**D**	Procedia Computer Science	**1 — (4-2)**	**0.5**
5	Le, Quang Loc, Jun Sun, and Wei-Ngan Chin. Satisfiability Modulo Heap-Based Programs. Technical Report National University of Singapore, 2015.	**Raport tehnic**	**D**		**1 — (4-2)**	**0.5**
6	Sharma, A. (2015). Certified Reasoning for Automated Verification, PhD dissertation, National University of Singapore	**Teza doctorat**	**D**		**1 — (4-2)**	**0.5**
7	Barn, B., Gkorogiannis, N., Primiero, G., & Raimondi, F. (2015, June). Software Theory Change by resilient near-complete specifications. In *Handbook of the 5th World Congress and School on Universal Logic* (p. 138).	**conferinta**	**D**	World Congress and School on Universal Logic	**1 — (4-2)**	**0.5**
8	Le, Q. L., Sun, J., & Chin, W. N. (2016, July). Satisfiability modulo heap-based programs. In *International Conference on Computer Aided Verification* (pp. 382-404). Springer International Publishing.	**conferinta**	**A***	International Conference on Computer Aided Verification (CAV)	**12 — (4-2)**	**6**
9	Le, X. B. D., Le, Q. L., Lo, D., & Le Goues, C. (2016, October). Enhancing automated program repair with deductive verification. In *Software Maintenance and*	**conferinta**	**A**	IEEE International Conference on Software Maintenance and Evolution (ICSME)	**8 — (4-2)**	**4**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
	Evolution (ICSME), 2016 IEEE International Conference on (pp. 428-432). IEEE.					
10	Le, Q. L., Tran, M., & Chin, W. N. (2016). *HIPrec: Verifying recursive programs with a satisfiability solver*. Technical report. National University of Singapore.	**Raport tehnic**	**D**		**1 — (4-2)**	**0.5**
11	Xuan-Bach D. Le. 2016. Towards efficient and effective automatic program repair. In *Proceedings of the 31st IEEE/ACM International Conference on Automated Software Engineering* (ASE 2016). ACM, 876-879. https://doi.org/10.1145/2970276.2975934	**Poster conferinta A**	**D**		**1 — (4-2)**	**0.5**
12	Le, Q. L., Tatsuta, M., Sun, J., & Chin, W. N. (2017). A Decidable Fragment in Separation Logic with Inductive Predicates and Arithmetic. Technical report, National University of Singapore.	**Raport tehnic**	**D**		**1 — (4-2)**	**0.5**
13	Le, Q. L., Tatsuta, M., Sun, J., & Chin, W. N. (2017, July). A decidable fragment in separation logic with inductive predicates and arithmetic. In *International Conference on Computer Aided Verification* (pp. 495-517). Springer.	**conferinta**	**A***	International Conference on Computer Aided Verification	**12 — (4-2)**	**6**
14	Primiero, G., Raimondi, F. & Chen, T.(2019). A theory of change for prioritised resilient and evolvable software systems. *Synthese* (2019). https://doi.org/10.1007/s11229-019-02305-7	**jurnal**	**A**	An International Journal for Epistemology, Methodology and Philosophy of Science (Synthese)	**8 — (4-2)**	**4**
15	Sharma, A. (2019). Automated Verification of Integer Overflow. *arXiv preprint arXiv:1909.09324*.	**Raport tehnic**	**D**		**1 — (4-2)**	**0.5**
16	C. Curry, Q. L. Le and S. Qin. 2019. Bi-Abductive Inference for Shape and Ordering Properties. *24th International Conference on Engineering of Complex Computer Systems (ICECCS)*, Guangzhou, China, 2019, pp. 220-225.	**conferinta**	**A**	International Conference on Engineering of Complex Computer Systems (ICECCS)	**8 — (4-2)**	**4**
17	CURRY, Christopher; LOC LE, Quang. Bi-Abduction for Shapes with Ordered Data. *arXiv e-prints*, 2020, arXiv: 2006.10439.	**Raport tehnic**	**D**		**1 — (4-2)**	**0.5**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Wei-Ngan Chin, Cristian Gherghina, Răzvan Voicu, Quang Loc Le, **Florin Craciun**, and Shengchao Qin. 2011. A specialization calculus for pruning disjunctive predicates to support verification. In *Proceedings of the 23rd international conference on Computer aided verification (CAV'11)*, Springer-Verlag, 293-309.					**A*+A+B = 9** **A*+A+B+C+D = 11.5**	
1	Hobor, A., and C. Gherghina. Barriers in concurrent separation logic: Now with tool support. Technical report, National University of Singapore, 2012	**Raport tehnic**	**D**		**1 — (6-2)**	**0.25**
2	Hobor, A., and C. Gherghina. Barriers in concurrent separation logic: Now with tool support! In *Logical Methods in Computer Science*, volume 8, 2012, pp 1-36.	**jurnal**	**B**	Logical Methods in Computer Science	**4 — (6-2)**	**1**
3	Ferreira, J. F., He, G., & Qin, S. (2012, July). Automated Verification of the FreeRTOS Scheduler in HIP/SLEEK. In *Theoretical Aspects of Software Engineering (TASE), 2012 Sixth International Symposium on* (pp. 51-58). IEEE.	**conferinta**	**C**	Theoretical Aspects of Software Engineering (TASE)	**2 — (6-2)**	**0.5**
4	Drăgoi, C., Enea, C., & Sighireanu, M. (2013, June). Local shape analysis for overlaid data structures. In *International Static Analysis Symposium* (pp. 150-171). Springer, Berlin, Heidelberg.	**conferinta**	**A**	International Static Analysis Symposium	**8 — (6-2)**	**2**
5	Ponzio, P., Rosner, N., Aguirre, N., & Frias, M. (2014, May). Efficient tight field bounds computation based on shape predicates. In *International Symposium on Formal Methods* (pp. 531-546). Springer, Cham.	**conferinta**	**A**	International Symposium on Formal Methods (FM)	**8 — (6-2)**	**2**
6	Quang Loc Le, *Automated Verification of Complete Specification with Shape Inference*. *PhD Dissertation, National University of Singapore,* 2014.	**Teza doctorat**	**D**		**1 — (6-2)**	**0.25**
7	Le, Q. L., Pham, L. H., & Chin, W. N. An Expressive Satisfiability Solver for Separation Logic, Technical report, National University of Singapore, 2014.	**Raport tehnic**	**D**		**1 — (6-2)**	**0.25**
8	Ferreira, J. F., Gherghina, C., He, G., Qin, S., & Chin, W. N. (2014). Automated verification of the FreeRTOS scheduler in Hip/Sleek. *International Journal on Software Tools for Technology Transfer*, *16*(4), 381-397.	**Jurnal Scopus**	**C**	International Journal on Software Tools for Technology Transfer	**2 — (6-2)**	**0.5**
9	Sharma, A. (2015). Certified Reasoning for Automated Verification, PhD dissertation, National University of Singapore	**Teza doctorat**	**D**		**1 — (6-2)**	**0.25**
10	Le, Q. L., Sun, J., & Chin, W. N. (2015). Satisfiability	**Raport**	**D**		**1**	**0.25**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
	modulo heap-based programs. Technical report, National University of Singapore, 2015.	**tehnic**			**— (6-2)**	
11	Le, Q. L., Sun, J., & Chin, W. N. (2016, July). Satisfiability modulo heap-based programs. In *International Conference on Computer Aided Verification* (pp. 382-404). Springer International Publishing.	**conferinta**	**A***	International Conference on Computer Aided Verification (CAV)	**12 — (6-2)**	**3**
12	Le, Quang Loc, Muoi Tran, and Wei-Ngan Chin.HIPrec: Verifying recursive programs with a satisfiability solver. Technical report, National University of Singapore, 2016.	**Raport tehnic**	**D**		**1 — (6-2)**	**0.25**
13	LE, Quang Loc. Compositional Satisfiability Solving in Separation Logic. In: *International Conference on Verification, Model Checking, and Abstract Interpretation*. Springer, Cham, 2021. p. 578-602.	**conferinta**	**B**	International Conference on Verification, Model Checking, and Abstract Interpretation	**4 — (6-2)**	**1**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Chenguang Luo, **Florin Craciun**, Shengchao Qin, Guanhua He, Wei-Ngan Chin, Verifying pointer safety for programs with unknown calls, Journal of Symbolic Computation, Volume 45, Issue 11, 2010, Pages 1163-1183, ISSN 0747-7171, http://dx.doi.org/10.1016/j.jsc.2010.06.003.					**A*+A+B = 13.33** **A*+A+B+C+D = 16.33**	
1	Cristiano Calcagno, Dino Distefano, Peter O'Hearn, and Hongseok Yang. 2009. Compositional shape analysis by means of bi-abduction. In*Proceedings of the 36th annual ACM SIGPLAN-SIGACT symposium on Principles of programming languages* (POPL '09). ACM, 289-300. http://dx.doi.org/10.1145/1480881.1480917	**conferinta**	**A***	ACM SIGPLAN-SIGACT symposium on Principles of programming languages (POPL)	**12 — (5-2)**	**4**
2	Cristiano Calcagno, Dino Distefano, Peter O'Hearn, and Hongseok Yang. 2009. Compositional shape analysis by means of bi-abduction.*SIGPLAN Notices,* 44, 1 (2009), 289-300.	**jurnal**	**C**	ACM SIGPLAN Notices	**2 — (5-2)**	**0.66**
3	Luo, C. (2011). Verification of Pointer-Based Programs with Partial Information, PhD dissertation, Durham University.	**Teza doctorat**	**D**		**1 — (5-2)**	**0.33**
4	Cristiano Calcagno, Dino Distefano, Peter W. O'Hearn, and Hongseok Yang. 2011. Compositional Shape Analysis by Means of Bi-Abduction. *Journal of the ACM,* 58, 6, Article 26 (December 2011), 66 pages. https://doi.org/10.1145/2049697.2049700	**jurnal**	**A***	Journal of the ACM	**12 — (5-2)**	**4**
5	Nikos Gorogiannis, Max Kanovich, and Peter W. O'Hearn. 2011. The complexity of abduction for separated heap abstractions. In *Proceedings of the 18th international conference on Static analysis* (SAS'11), Springer-Verlag, 25-42.	**conferinta**	**A**	International conference on Static analysis	**8 — (5-2)**	**2.66**
6	Maclean, E., Ireland, A., & Grov, G. (2011). Verification and Synthesis of Functional Correctness of Pointer Programs. Technical report, Heriot-Watt University.	**Raport tehnic**	**D**		**1 — (5-2)**	**0.33**
7	Haiyan Zhu, Thomas Dillig, and Isil Dillig. 2013. Automated Inference of Library Specifications for Source-Sink Property Verification. In *Proceedings of the 11th Asian Symposium on Programming Languages and Systems,* Vol. 8301. Springer-Verlag, 290-306. http://dx.doi.org/10.1007/978-3-319-03542-0_21	**conferinta**	**B**	Asian Symposium on Programming Languages and Systems	**4 — (5-2)**	**1.33**
8	Maclean, E., Ireland, A., & Grov, G. (2016). Proof	**jurnal**	**B**	Journal of Logic and Computation	**4**	**1.33**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
	automation for functional correctness in separation logic. *Journal of Logic and Computation*, *26*(2), 641-675.				**—** **(5-2)**	
9	Chai, C., Yan, X., Wang, Q., Liu, S., Sun, Y., & Yi, S. (2016). A Brief Survey of Specification Inference in Static Program Analysis. In *2nd International Conference on Advances in Mechanical Engineering and Industrial Informatics (AMEII 2016)*	**Conferinta**	**D**	International Conference on Advances in Mechanical Engineering and Industrial Informatics	**1** **—** **(5-2)**	**0.33**
10	Qin Shengchao, Xu Zhiwu, & Ming Zhong. (2017). Review of Program Verification Based on Separation Logic.*Journal of Software* ,*28* (8), 2010-2025.	**Jurnal inafara listei**	**D**		**1** **—** **(5-2)**	**0.33**
11	Rebecca Shapiro. 2018. Types for the Chain of Trust: No Loader Write Left Behind, PhD Dissertation, Dartmouth College, New Hampshire.	**Teza de doctorat**	**D**		**1** **—** **(5-2)**	**0.33**
12	VUJOŠEVIĆ JANIČIĆ, Milena. Concurrent Bug Finding Based on Bounded Model Checking. *International Journal of Software Engineering and Knowledge Engineering*, 2020, 30.05: 669-694.	**jurnal**	**C**	International Journal of Software Engineering and Knowledge Engineering	**2** **—** **(5-2)**	**0.66**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Florin Craciun, Wei-Ngan Chin, Guanhua He, and Shengchao Qin. 2009. An Interval-Based Inference of Variant Parametric Types. In *Proceedings of the 18th European Symposium on Programming Languages and Systems: Held as Part of the Joint European Conferences on Theory and Practice of Software, ETAPS 2009 (ESOP '09),* Springer-Verlag, 112-127. http://dx.doi.org/10.1007/978-3-642-00590-9_9.					**A*+A+B = 17** **A*+A+B+C+D = 23**	
1	Catalin Hritcu and Jan Schwinghammer. A step-indexed semantics of imperative objects. Technical report, Programming Systems Lab, Saarland University, December 2009.	**Raport tehnic**	**D**		**1 — (4-2)**	**0.5**
2	Catalin Hritcu and Jan Schwinghammer. A step-indexed semantics of imperative objects. In *International Workshop on Foundations of Object-Oriented Languages* (FOOL) 2009.	**conferinta**	**C**	International Workshop on Foundations of Object-Oriented Languages (FOOL)	**2 — (4-2)**	**1**
3	Catalin Hritcu and Jan Schwinghammer. A step-indexed semantics of imperative objects. In *Logical Methods in Computer Science*, volume 5(4), 2009.	**jurnal**	**B**	Logical Methods in Computer Science	**4 — (4-2)**	**2**
4	Fernando Barden Rubbo, Eduardo Kessler Piveta, and Daltro José Nunes. 2013. Inference rules for generic code migration of aspect-oriented programs. *Science Computer Programming,* 78, 8 (August 2013), 1157-1175. http://dx.doi.org/10.1016/j.scico.2012.09.004	**jurnal**	**C**	Science of Computer Programming (ISSN 0167-6423)	**2 — (4-2)**	**1**
5	John Altidor and Yannis Smaragdakis. 2014. Refactoring Java generics by inferring wildcards, in practice. *SIGPLAN Notices,* 49, 10 (October 2014), 271-290.	**Jurnal**	**C**	SIGPLAN Notices	**2 — (4-2)**	**1**
6	John Altidor and Yannis Smaragdakis. 2014. Refactoring Java generics by inferring wildcards, in practice. In *Proceedings of the 2014 ACM International Conference on Object Oriented Programming Systems Languages & Applications* (OOPSLA '14). ACM https://doi.org/10.1145/2660193.2660203	**conferinta**	**A***	ACM International Conference on Object Oriented Programming Systems Languages & Applications (OOPSLA)	**12 — (4-2)**	**6**
7	Altidor, John G., Subtyping with Generics: A Unified Approach, 2014, *PhD Dissertations*. University of Massachusetts.	**Teza doctorat**	**D**		**1 — (4-2)**	**0.5**
8	Long, Yuheng, Yu David Liu, and Hridesh Rajanγ. First-Class Effect Reflection for Effect-Guided Programming. Technical report, University Suny Binghampton, 2015	**Raport tehnic**	**D**		**1 — (4-2)**	**0.5**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
9	Yuheng Long, Yu David Liu, and Hridesh Rajan. 2016. First-class effect reflection for effect-guided programming. In *Proceedings of the 2016 ACM SIGPLAN International Conference on Object-Oriented Programming, Systems, Languages, and Applications* (OOPSLA 2016). ACM, 820-837. https://doi.org/10.1145/2983990.2984037	**conferinta**	**A***	ACM SIGPLAN International Conference on Object-Oriented Programming, Systems, Languages, and Applications (OOPSLA)	**12 — (4-2)**	**6**
10	Yuheng Long, Yu David Liu, and Hridesh Rajan. 2016. First-class effect reflection for effect-guided programming. *SIGPLAN Notices,* 51, 10 (October 2016), 820-837.	**Jurnal**	**C**	SIGPLAN Notices	**2 — (4-2)**	**1**
11	Long, Y. (2016). Formal foundations for hybrid effect analysis*, PhD dissertation*, Iowa State University	**Teza doctorat**	**D**		**1 — (4-2)**	**0.5**
12	Milz, S., Arbeiter, G., Witt, C., Abdallah, B., & Yogamani, S. (2018, June). Visual SLAM for Automated Driving: Exploring the Applications of Deep Learning. In *2018 IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops (CVPRW)* (pp. 360-36010). IEEE Computer Society.	**Workshop asociat conferinta A***	**A**	IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops	**6 — (4-2)**	**3**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Ioan Alfred Letia, **Florin Craciun**, and Zoltan Köpe. 2001. Norms for DLP Agents Working in a Warehouse Scenario. In Proceedings of the 14th International conference on Industrial and engineering applications of artificial intelligence and expert systems: engineering of intelligent systems *(IEA/AIE '01)*, Springer-Verlag, UK, 728-733.					**A*+A+B = 12** **A*+A+B+C+D = 17**	
1	Ioan Alfred Letia and Doina Precup. 2001. Developing Collaborative Golog Agents by Reinforcement Learning. In *Proceedings of the 13th IEEE International Conference on Tools with Artificial Intelligence* (ICTAI '01). IEEE Computer Society, Washington, DC, USA, 195-.	**conferinta**	**B**	IEEE International Conference on Tools with Artificial Intelligence (ICTAI)	**4** **—** **(3-2)**	**4**
2	Ioan Alfred Letia and Doina Precup. Developing Collaborative Golog Agents by Reinforcement Learning. In *International Journal on Artificial Intelligence Tools* 11.3 (2002): 473.	**jurnal**	**C**	International Journal on Artificial Intelligence Tools	**2** **—** **(3-2)**	**2**
3	Alferes, J. J. A. (2008). Logic Programming Updates. Teza abilitare.	**Raport tehnic**	**D**		**1** **—** **(3-2)**	**1**
4	Katoh, M., & Imura, N. (2009, February). Double-agent convoying scenario changeable by an emergent trigger. In *Autonomous Robots and Agents, 2009. ICARA 2009. 4th International Conference on*(pp. 442-446). IEEE.	**conferinta**	**D**	Autonomous Robots and Agents (ICARA)	**1** **—** **(3-2)**	**1**
5	Terrance Swift and David s. Warren. 2012. Xsb: Extending prolog with tabled logic programming. *Theory and Practice of Logic Programming,* 12, 1-2 (2012), 157-187. http://dx.doi.org/10.1017/S1471068411000500	**jurnal**	**A**	Theory and Practice of Logic Programming	**8** **—** **(3-2)**	**8**
6	Chico de Guzmán, P. (2012). Advanced Tabulation Strategies and Parallelism in Logical Programs = Advanced Evaluation Strategies for Tabling and Parallelism in Logic Programs. PhD dissertation.	**Teza doctorat**	**D**		**1** **—** **(3-2)**	**1**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Guanhua He, Shengchao Qin, Wei-Ngan Chin and **Florin Craciun.** 2013. Automated Specification Discovery via User-Defined Predicates, In *Formal Methods and Software Engineering: 15th International Conference on Formal Engineering Methods, ICFEM 2013*, Queenstown, New Zealand, October 29 -- November 1, 2013, Proceedings, Springer Berlin, 397—414, isbn="978-3-642-41202-8", https://doi.org/10.1007/978-3-642-41202-8_26					**A*+A+B = 10** **A*+A+B+C+D = 11.5**	
1	Le, Q. L., Gherghina, C., Qin, S., & Chin, W. N. Shape Analysis via Second-Order Bi-Abduction, Technical Report, National University of Singapore, 2013.	**Raport tehnic**	**D**		**1 — (4-2)**	**0.5**
2	Quang Loc Le, Cristian Gherghina, Shengchao Qin, and Wei-Ngan Chin. 2014. Shape Analysis via Second-Order Bi-Abduction. In *Proceedings of the 16th International Conference on Computer Aided Verification*, Vol. 8559. Springer-Verlag, 52-68. http://dx.doi.org/10.1007/978-3-319-08867-9_4	**conferinta**	**A***	International Conference on Computer Aided Verification (CAV)	**12 — (4-2)**	**6**
3	Brotherston, J., & Gorogiannis, N. (2014, September). Cyclic abduction of inductively defined safety and termination preconditions. In *International Static Analysis Symposium* (pp. 68-84). Springer, Cham.	**conferinta**	**A**	International Static Analysis Symposium	**8 — (4-2)**	**4**
4	Quang Loc Le, Automated Verification of Complete Specification with Shape Inference. *PhD Dissertation, National University of Singapore,* 2014.	**Teza doctorat**	**D**		**1 — (4-2)**	**0.5**
5	Qin Shengchao, Xu Zhiwu, & Ming Zhong. (2017). Review of Program Verification Based on Separation Logic.*Journal of Software* ,*28* (8), 2010-2025.	**Jurnal inafara listei**	**D**		**1 — (4-2)**	**0.5**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Alexandru Stefan, **Florin Craciun**, and Wei-Ngan Chin. 2008. A Flow-Sensitive Region Inference for CLI. In Proceedings of the 6th Asian Symposium on Programming Languages and Systems *(APLAS '08),* Springer-Verlag, 19-35, http://dx.doi.org/10.1007/978-3-540-89330-1_3					**A*+A+B = 12** **A*+A+B+C+D = 15**	
1	Yu Zhang, Lina Yuan, Tingpeng Wu, Wen Peng, and Quanlong Li. 2010. Just-in-time compiler assisted object reclamation and space reuse. In *Proceedings of the 2010 IFIP international conference on Network and parallel computing* (NPC'10), Springer-Verlag, Berlin, 18-34.	**conferinta**	**C**	IFIP international conference on Network and parallel computing (NPC)	**2** **—** **(3-2)**	**2**
2	Aslam, Faisal. *Challenges and solutions in the design of a Java Virtual Machine for resource constrained microcontrollers*. PhD Dissertation, Albert-Ludwigs-Universität Freiburg, 2011.	**Teza doctorat**	**D**		**1** **—** **(3-2)**	**1**
3	Faisal Aslam, Luminous Fennell, Christian Schindelhauer, Peter Thiemann, and Zartash Afzal Uzmi. 2011. Offline GC: trashing reachable objects on tiny devices. In *Proceedings of the 9th ACM Conference on Embedded Networked Sensor Systems* (SenSys '11). ACM, 302-315.https://doi.org/10.1145/2070942.2070973	**conferinta**	**A***	ACM Conference on Embedded Networked Sensor Systems (SenSys)	**12** **—** **(3-2)**	**12**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Ioan Alfred Letia, **Florin Craciun**, Zoltan Köpe, and Alexandru Lelutiu. 2000. First Experiments for Mining Sequential Patterns on Distributed Sites with Multi-Agents. In *Proceedings of the Second International Conference on Intelligent Data Engineering and Automated Learning, Data Mining, Financial Engineering, and Intelligent Agents (IDEAL '00*), Springer-Verlag, London, UK, 187-192.					**A*+A+B = 8** **A*+A+B+C+D = 10.5**	
1	Cao, L., & Zhang, C. (2006). Domain-Driven Data Mining: A Practical Methodology. *International Journal of Data Warehousing and Mining (IJDWM)*, *2*(4), 49-65.	**jurnal**	**C**	International Journal of Data Warehousing and Mining (IJDWM)	**2 — (4-2)**	**1**
2	Longbing Cao, Chao Luo, and Chengqi Zhang. 2007. Agent-mining interaction: an emerging area. In *Proceedings of the 2nd international conference on Autonomous intelligent systems: agents and data mining* (AIS-ADM'07), Lecture Notes in Computer Science, vol 4476, Springer-Verlag, Berlin, 60-73.	**Conferinta LNCS**	**C**	International conference on Autonomous intelligent systems: agents and data mining (AIS-ADM), Lecture Notes in Computer Science	**2 — (4-2)**	**1**
3	Cao, L. (2008, December). Domain driven data mining (d3m). In *Data Mining Workshops, 2008. ICDMW'08. IEEE International Conference on* (pp. 74-76). IEEE.	**Workshop asociat conferinta A***	**A**	Workshop asociat International Conference on Data Mining (ICDM)	**8 — (4-2)**	**4**
4	Cao, L., & Zhang, C. (2008). Domain Driven Data Mining. In D. Taniar (Ed.), *Data Mining and Knowledge Discovery Technologies* (pp. 196-223). Hershey, PA: IGI Global. doi:10.4018/978-1-59904-960-1.ch008	**Carte in editura de categorie D**	**D**	Data Mining and Knowledge Discovery Technologies	**1 — (4-2)**	**0.5**
5	Cao L. (2009) Introduction to Agent Mining Interaction and Integration. In: Cao L. (eds) Data Mining and Multi-agent Integration. Springer, Boston, 978-1-4419-0521-5	**Carte in editura de categorie B**	**B**	Data Mining and Multi-agent Integration in editura Springer	**4 — (4-2)**	**2**
6	Longbing Cao, Philip S. Yu, Chengqi Zhang, and Yanchang Zhao. 2010. *Domain Driven Data Mining*(1st ed.). Springer Publishing Company, Incorporated. ISBN: 978-1-4419-5736-8	**Carte in editura de categorie B**	**B**	*Domain Driven Data Mining* In editura Springer	**4 — (4-2)**	**2**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Florin Craciun, Tibor Kiss, and Andreea Costea. 2015. Towards a Session Logic for Communication Protocols. In *Proceedings of the 2015 20th International Conference on Engineering of Complex Computer Systems (ICECCS)* (ICECCS '15). IEEE Computer Society, Washington, DC, USA, 140-149. http://dx.doi.org/10.1109/ICECCS.2015.33					**A*+A+B = 20** **A*+A+B+C+D = 25**	
1	Ameur, Y. A. A Correct by Construction Method for Designing Discrete Software Controllers, *21st International Conference on Engineering of Complex Computer Systems (ICECCS)*, 2016	**conferinta**	**A**	International Conference on Engineering of Complex Computer Systems (ICECCS)	**8** **—** **(3-2)**	**8**
2	Kiss, T., & Jánosi-Rancz, K. T. (2016, May). Developing railway interlocking systems with session types and Event-B. In *Applied Computational Intelligence and Informatics (SACI), 2016 IEEE 11th International Symposium on* (pp. 93-98). IEEE.	**conferinta**	**C**	Applied Computational Intelligence and Informatics (SACI)	**2** **—** **(3-2)**	**2**
3	Kiss, T. (2016). Comparison of Session Logic with Session Types. *Studia Universitatis Babes-Bolyai, Informatica*, *61*(1).	**jurnal**	**D**	Studia Universitatis Babes-Bolyai, Informatica	**1** **—** **(3-2)**	**1**
4	Kiss, T. (2016). Session Logic and its Applications in Railway Industry, PhD Thesis, *Babes-Bolyai University*	**Teza doctorat**	**D**		**1** **—** **(3-2)**	**1**
5.	Jonas Kastberg Hinrichsen, Jesper Bengtson, and Robbert Krebbers. 2019. Actris: session-type based reasoning in separation logic. *Proc. ACM Program. Lang. 4, POPL, Article 6 (December 2019),* 30 pages. DOI:https://doi.org/10.1145/3371074	**conferinta**	**A***	ACM SIGPLAN Symposium on Principles of Programming Languages (POPL)	**12** **—** **(3-2)**	**12**
6	Hinrichsen, J. K., Bengtson, J., & Krebbers, R. (2020). Actris 2.0: Asynchronous Session-Type Based Reasoning in Separation Logic. *arXiv preprint arXiv:2010.15030*.	**Raport tehnic**	**D**		**1** **—** **(3-2)**	**1**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Florin Craciun, Simona Motogna, and Ioan Lazar. 2013. Towards Better Testing of fUML Models. In *Proceedings of the 2013 IEEE Sixth International Conference on Software Testing, Verification and Validation* (ICST '13). IEEE Computer Society, Washington, DC, USA, 485-486. http://dx.doi.org/10.1109/ICST.2013.67					**A*+A+B = 16** **A*+A+B+C+D = 21**	
1	Arnaud, M., Bannour, B., Cuccuru, A., Gaston, C., Gerard, S., & Lapitre, A. Timed symbolic testing framework for executable models using high-level scenarios. In Proceedings of the Fifth *International Conference on Complex Systems Design & Management (CSD&M)* 2014,pp. 269-282. Springer International Publishing.	**conferinta**	**D**	International Conference on Complex Systems Design & Management (CSD&M)	**1** **—** **(3-2)**	**1**
2	Mijatov, S., Mayerhofer, T., Langer, P., & Kappel, G. (2015, July). Testing functional requirements in UML activity diagrams. In *International Conference on Tests and Proofs* (pp. 173-190). Springer, Cham.	**conferinta**	**B**	International Conference on Tests and Proofs	**4** **—** **(3-2)**	**4**
3	Elena Planas, Jordi Cabot, and Cristina Gómez. 2016. Lightweight and static verification of UML executable models. *Computer Languages Systems and Structures,* 46, C (November 2016), 66-90. https://doi.org/10.1016/j.cl.2016.07.002	**jurnal**	**C**	Computer Languages Systems and Structures	**2** **—** **(3-2)**	**2**
4	Juca, María Fernanda Granda.*Testing-Based Conceptual Schema Validation in a Model-Driven Environment*. 2017. PhD Thesis.	**Teza doctorat**	**D**		**1** **—** **(3-2)**	**1**
5	Dickerson, C., Roslan, R., & Ji, S. (2018). A Formal Transformation Method for Automated Fault Tree Generation from a UML Activity Model. *arXiv preprint arXiv:1804.11296*.	**Raport tehnic**	**D**		**1** **—** **(3-2)**	**1**
6	Dickerson, C. E., Roslan, R., & Ji, S. (2018). A Formal Transformation Method for Automated Fault Tree Generation from a UML Activity Model. *IEEE Transactions on Reliability*,*67*(3), 1219-1236.	**jurnal**	**A**	. IEEE Transactions on Reliability	**8** **—** **(3-2)**	**8**
7	Wendland, M. F., & Hoppe, N. (2018). Execution of UTP test cases using fUML. In *MODELS Workshops* (pp. 245-250).	**Workshop asociat conferinta A**	**B**	Models workshops	**4** **—** **(3-2)**	**4**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Shengchao Qin, Chenguang Luo, Guanhua He, **Florin Craciun**, and Wei-Ngan Chin. 2010. Verifying heap-manipulating programs with unknown procedure calls. In *Proceedings of the 12th International conference on Formal engineering methods and software engineering* (*ICFEM'10)*, Springer-Verlag, Berlin, Heidelberg, 171-187.					**A*+A+B = 4** **A*+A+B+C+D = 5.99**	
1	He, G. (2011). *Program Analysis in a Combined Abstract Domain* (Doctoral dissertation, Durham University).	**Teza Doctorat**	**D**		**1 — (5-2)**	**0.33**
2	He, G., Qin, S., Chin, W. N., & Luo, C. 2014. Automated Specification Discovery in a Combined Abstract Domain. Technical report. National University of Singapore.	**Raport Tehnic**	**D**		**1 — (5-2)**	**0.33**
3	Aws Albarghouthi, Isil Dillig, and Arie Gurfinkel. 2016. Maximal specification synthesis. In *Proceedings of the 43rd Annual ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages* (POPL '16). ACM, 789-801. https://doi.org/10.1145/2837614.2837628	**conferinta**	**A***	ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages (POPL)	**12 — (5-2)**	**4**
4	Aws Albarghouthi, Isil Dillig, and Arie Gurfinkel. 2016. Maximal specification synthesis. *SIGPLAN Notices,* 51, 1 (January 2016), 789-801	**Jurnal**	**C**	SIGPLAN Notices	**2 — (5-2)**	**0.66**
5	Qin Shengchao, Xu Zhiwu, & Ming Zhong. (2017). Review of Program Verification Based on Separation Logic.*Journal of Software* ,*28* (8), 2010-2025.	**Jurnal inafara listeti**	**D**		**1 — (5-2)**	**0.33**
6.	Zhou, Z., Dickerson, R., Delaware, B., & Jagannathan, S. (2021). Data-driven abductive inference of library specifications. arXiv preprint arXiv:2108.04783.	**Raport Tehnic**	**D**		**1 — (5-2)**	**0.33**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Florin Craciun, Hong Yaw Goh, Corneliu Popeea, and Wei-Ngan Chin. 2006. Core-java: an expression-oriented java. In *Companion to the 21st ACM SIGPLAN symposium on Object-oriented programming systems, languages, and applications* (OOPSLA '06). ACM, 639-640. http://dx.doi.org/10.1145/1176617.1176650					**A*+A+B = 0** **A*+A+B+C+D = 1**	
1	Alexandre Bergel. 2011. Reconciling method overloading and dynamically typed scripting languages. *Computer Languages Systems and Structures,* 37, 3 (July 2011), 132-150. http://dx.doi.org/10.1016/j.cl.2011.03.002	**jurnal**	**C**	Computer Languages Systems and Structures	**2** — **(4-2)**	**1**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Motogna, S., **Craciun Florin**, Lazar I., & Parv B. (2013). Formal definition of FUML in K-framework, *Studia Universitatis Babes-Bolyai, Informatica*, *58*(3).					**A*+A+B = 4** **A*+A+B+C+D = 4**	
1	Laurent, Y., Bendraou, R., Baarir, S., & Gervais, M. P. (2014, June). Formalization of fuml: An application to process verification. In *International Conference on Advanced Information Systems Engineering* (pp. 347-363). Springer.	**conferinta**	**A**	International Conference on Advanced Information Systems Engineering (CAiSE)	**8** **—** **(4-2)**	**4**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Ioan Alfred Letia, **Florin Craciun**, and Zoltan Köpe. 2000. Towards Validation of Specifications by Simulation. In ***Revised Papers from the International Workshop on Infrastructure for Multi-Agent Systems: Infrastructure for Agents, Multi-Agent Systems, and Scalable Multi-Agent Systems***,Springer-Verlag, LNCS, volume 1887, 293-295.					**A*+A+B = 0** **A*+A+B+C+D = 1**	
1	Ali, W. (2006). Developping 2D and 3D multiagent geosimulation, a method and its application: the case of shopping behavior geosimulation in Square One Mall (Toronto). PhD Thesis, Universite LAVAL	**Teza doctorat**	**D**		**1** **—** **(3-2)**	**1**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Shengchao Qin, Guanhua He, Wei-Ngan Chin, **Florin Craciun,** Mengda He, Zhong Ming. 2017.Automated specification inference in a combined domain via user-defined predicates, *Science of Computer Programming*, 2017, ISSN 0167-6423, http://dx.doi.org/10.1016/j.scico.2017.05.007.					**A*+A+B = 4** **A*+A+B+C+D = 4.25**	
1	Le, Q. L., Sun, J., & Qin, S. (2018, April). Frame Inference for Inductive Entailment Proofs in Separation Logic. In *International Conference on Tools and Algorithms for the Construction and Analysis of Systems* (pp. 41-60). Springer.	**conferinta**	**A**	International Conference on Tools and Algorithms for the Construction and Analysis of Systems (TACAS)	**8** **—** **(6-2)**	**2**
2	Curry, C., Le, Q. L., & Qin, S. (2019, November). Bi-Abductive Inference for Shape and Ordering Properties. In *2019 24th International Conference on Engineering of Complex Computer Systems (ICECCS)*(pp. 220-225). IEEE.	**conferinta**	**A**	International Conference on Engineering of Complex Computer Systems (ICECCS)	**8** **—** **(6-2)**	**2**
3	CURRY, Christopher; LOC LE, Quang. Bi-Abduction for Shapes with Ordered Data. *arXiv e-prints*, 2020, arXiv: 2006.10439.	**Raport tehnic**	**D**		**1** **—** **(6-2)**	**0.25**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Zhiwu Xu, Kerong Ren, Shengchao Qin and **Florin Craciun**. 2018. CDGDroid: Android Malware Detection Based on Deep Learning using CFG and DFG. In *20th International Conference on Formal Engineering Methods (ICFEM'18). Gold Coast, Australia. 12-16 November 2018. https://doi.org/10.1007/978-3-030-02450-5_11*					**A*+A+B = 36** **A*+A+B+C+D = 43.5**	
1	Abusnaina, A., Khormali, A., Alasmary, H., Park, J., Anwar, A., & Mohaisen, A. (2019, July). Adversarial learning attacks on graph-based IoT malware detection systems. In*2019 IEEE 39th International Conference on Distributed Computing Systems (ICDCS)* (pp. 1296-1305). IEEE.	**conferinta**	**A**	IEEE International Conference on Distributed Computing Systems (ICDCS)	**8** **—** **(4-2)**	**4**
2	Van Huong, P., & Hung, D. V. (2019, December). Intrusion detection in IoT systems based on deep learning using convolutional neural network. In *2019 6th NAFOSTED Conference on Information and Computer Science (NICS)* (pp. 448-453). IEEE.	**conferinta**	**D**	NAFOSTED Conference on Information and Computer Science (NICS)	**1** **—** **(4-2)**	**0.5**
3	Song WN, Peng GJ, Fu JM, Zhang HG, Chen SL. Research on malicious code evolution and traceability technology. Ruan Jian Xue Bao/Journal of Software, 2019,30(8):2229−2267	**jurnal**	**D**	Journal of Software	**1** **—** **(4-2)**	**0.5**
4	KP, S., & Alazab, M. (2020). A Comprehensive Tutorial and Survey of Applications of Deep Learning for Cyber Security.	**Raport tehnic**	**D**		**1** **—** **(4-2)**	**0.5**
5	Zhiwu, X. U., Ren, K., & Song, F. (2019, July). Android Malware Family Classification and Characterization Using CFG and DFG. In*2019 International Symposium on Theoretical Aspects of Software Engineering (TASE)* (pp. 49-56). IEEE.	**conferinta**	**C**	International Symposium on Theoretical Aspects of Software Engineering (TASE)	**2** **—** **(4-2)**	**1**
6	Wang, Zhiqiang, Qian Liu, and Yaping Chi. "Review of android malware detection based on deep learning." *IEEE Access* 8 (2020): 181102-181126.	**jurnal**	**A**	IEEE Access	**8** **—** **(4-2)**	**4**
7	Qiu, J., Zhang, J., Luo, W., Pan, L., Nepal, S., & Xiang, Y. (2020). A Survey of Android Malware Detection with Deep Neural Models. *ACM Computing Surveys*, *53*(6), 1-36.	**jurnal**	**A***	ACM Computing Surveys	**12** **—** **(4-2)**	**6**
8	Feng, R., Lim, J. Q., Chen, S., Lin, S. W., & Liu, Y. (2020). SeqMobile: A Sequence Based Efficient Android Malware Detection System Using RNN on Mobile Devices. *arXiv preprint arXiv:2011.05218*.	**Raport tehnic**	**D**		**1** **—** **(4-2)**	**0.5**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
9	Abusnaina, A., Abuhamad, M., Alasmary, H., Anwar, A., Jang, R., Salem, S., ... & Mohaisen, D. (2020). Deep Learning-based Fine-grained Hierarchical Learning Approach for Robust Malware Classification. *arXiv preprint arXiv:2005.07145*.	**Raport tehnic**	**D**		**1 — (4-2)**	**0.5**
10	Zhiwu Xu, Xiongya Hu, Yida Tao and Shengchao Qin. Analyzing Cryptographic API Usages for Android Applications Using HMM and N-Gram[C]. 14th International Symposium on Theoretical Aspects of Software Engineering (TASE 2020). 153-160, 11-13 December 2020. Hangzhou, China.	**conferinta**	**C**	International Symposium on Theoretical Aspects of Software Engineering (TASE)	**2 — (4-2)**	**1**
11	Shafiq, S., Mashkoor, A., Mayr-Dorn, C., & Egyed, A. (2020). Machine Learning for Software Engineering: A Systematic Mapping. *arXiv preprint arXiv:2005.13299*.	**Raport tehnic**	**D**		**1 — (4-2)**	**0.5**
12	Zhao, Y., Li, L., Wang, H., Cai, H., Bissyandé, T. F., Klein, J., & Grundy, J. (2021). On the Impact of Sample Duplication in Machine-Learning-Based Android Malware Detection. *ACM Transactions on Software Engineering and Methodology (TOSEM)*, *30*(3), 1-38.	**jurnal**	**A**	ACM Transactions on Software Engineering and Methodology (TOSEM),	**8 — (4-2)**	**4**
13	Sharma, T., & Rattan, D. (2021). Malicious application detection in android—A systematic literature review. *Computer Science Review*, *40*, 100373.	**jurnal**	**D**	Computer Science Review	**1 — (4-2)**	**0.5**
14	Liu, Y., Tantithamthavorn, C., Li, L., & Liu, Y. (2021). Deep Learning for Android Malware Defenses: a Systematic Literature Review. *arXiv preprint arXiv:2103.05292*.	**Raport Tehnic**	**D**		**1 — (4-2)**	**0.5**
15	Frenklach, T., Cohen, D., Shabtai, A., & Puzis, R. (2021). Android malware detection via an app similarity graph. *Computers & Security*, *109*, 102386.	**jurnal**	**A**	Computers & Security	**8 — (4-2)**	**4**
16	Autili, M., Malavolta, I., Perucci, A., Scoccia, G. L., & Verdecchia, R. (2021). Software engineering techniques for statically analyzing mobile apps: research trends, characteristics, and potential for industrial adoption. *Journal of Internet Services and Applications*, *12*(1), 1-60.	**jurnal**	**D**	Journal of Internet Services and Applications	**1 — (4-2)**	**0.5**
17	Abusnaina, A., Anwar, A., Alshamrani, S., Alabduljabbar, A., Jang, R., Nyang, D., & Mohaisen, D. (2021). ML-based	**Raport Tehnic**	**D**		**1 —**	**0.5**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
	IoT Malware Detection Under Adversarial Settings: A Systematic Evaluation. *arXiv preprint arXiv:2108.13373*.				**(4-2)**	
18	Wang, C., Zhang, L., Zhao, K., Ding, X., & Wang, X. (2021). AdvAndMal: Adversarial Training for Android Malware Detection and Family Classification. *Symmetry*, *13*(6), 1081.	**jurnal**	**D**	Symmetry	**1 — (4-2)**	**0.5**
19	Shafiq, S., Mashkoor, A., Mayr-Dorn, C., & Egyed, A. (2021). A Literature Review of Machine Learning and Software Development Life cycle Stages. *IEEE Access*.	**jurnal**	**A**	IEEE Access	**8 — (4-2)**	**4**
20	Abusnaina, A., Anwar, A., Alshamrani, S., Alabduljabbar, A., Jang, R., Nyang, D., & Mohaisen, D. (2021, June). Systemically Evaluating the Robustness of ML-based IoT Malware Detectors. In *2021 51st Annual IEEE/IFIP International Conference on Dependable Systems and Networks-Supplemental Volume (DSN-S)* (pp. 3-4). IEEE.	**conferinta**	**A**	IEEE/IFIP International Conference on Dependable Systems and Networks	**8 — (4-2)**	**4**

Nr. crt	Referinta bibliografica care citeaza	Tip publicatie	Categoria	Revista/Conferinta	Formula de calcul	Punctaj
Andreea Costea, Wei-Ngan Chin, Shengchao Qin, and **Florin Craciun**. 2018. Automated Modular Verification for Relaxed Communication Protocols. In *Asian Symposium of Programming Languages and Systems (APLAS'18).* Wellington, New Zealand, 2-6 December 2018. https://doi.org/10.1007/978-3-030-02768-1_16					**A*+A+B = 18** **A*+A+B+C+D = 18.5**	
1	Jonas Kastberg Hinrichsen, Jesper Bengtson, and Robbert Krebbers. 2019. Actris: session-type based reasoning in separation logic. *Proc. ACM Program. Lang. 4, POPL, Article 6 (December 2019),* 30 pages. DOI:https://doi.org/10.1145/3371074	**conferinta**	**A***	ACM SIGPLAN Symposium on Principles of Programming Languages (POPL)	**12** **—** **(4-2)**	**6**
2	Thiemann, P. (2019, October). Intrinsically-typed mechanized semantics for session types. In *Proceedings of the 21st International Symposium on Principles and Practice of Programming Languages 2019* (pp. 1-15).	**conferinta**	**A***	ACM SIGPLAN Symposium on Principles of Programming Languages (POPL)	**12** **—** **(4-2)**	**6**
3	Brotherston, J., Costa, D., Hobor, A., & Wickerson, J. 2020. Reasoning over Permissions Regions in Concurrent Separation Logic. In *Proceedings of the 32rd international conference on Computer aided verification* (CAV'20), Springer-Verlag,	**conferinta**	**A***	International conference on Computer aided verification (CAV)	**12** **—** **(4-2)**	**6**
4	HINRICHSEN, Jonas Kastberg; BENGTSON, Jesper; KREBBERS, Robbert. Actris 2.0: Asynchronous Session-Type Based Reasoning in Separation Logic. *arXiv preprint arXiv:2010.15030*, 2020.	**Raport tehnic**	**D**		**1** **—** **(4-2)**	**0.5**

d) Performanta academica:

Calificativul a fost **indeplinit,** dupa cum urmeaza:
Total punctaj = 103
Am condus minim un proiect cu cel putin 2 membri, obtinut prin competitie la nivel national sau international.

Nr. crt.	Numele Indicatorului	Categoria (si Functia)	Formula de calcul	Punctaj
Director (coordonator/responsabil) | membru al unui grant/proiect/contract/program de cercetare national/international			**Total punctaj = 24**	
Director (coordonator/responsabil)				
1	*"Modelare si Simulare Agenti Inteligenti pentru Aplicatii pe Internet",* grant national de cercetare de tip ANSTI, nr. GR 6113/2000, tema B20, perioada 1999-2001, in valoare de 546.600 lei, Ministerul Tehnologiei si Inovatiei, Agentia ANSTI, obtinut la Universitatea Tehnica Cluj-Napoca, Facultatea de Automatica si Calculatoare, Departamentul de Calculatoare. **Director: Florin Craciun**. Numarul de membrii a fost egal cu 4 (Drd Florin Craciun, Drd. Radu Razvan Slavescu, Drd. Kope Zoltan si prof.dr.ing I.A. Letia). **Confirmat orin adeverinta atasata Nr.16/12.01.2021 eliberata din arhiva Directiei pentru Managementul Cercetarii, Dezvoltarii si Inovarii, din Universitatea Tehnica din Cluj-Napoca**	**Director grant cercetare national <50.000 euro**	**2**	**2**
2	"*A Scalable Region-Based Memory for SSCLI*", grant international de cercetare de la Microsoft Research, obtinut la National University of Singapore, Computer Science Department, perioada 2006-2008. **Coordonatori: Prof. Chin Wei-Ngan si Florin Craciun**. Numarul de membrii a fost egal cu 3 (Dr. Florin Craciun, Prof. Chin Wei-Ngan, intern Alexandru Stefan). http://loris-7.ddns.comp.nus.edu.sg/ ~project/region/region%20sscli/index.html	**Co-coordonator grant international de cercetare, 100.000-199.999 euro**	**6**	**0 (documentele justificative sunt dificil de obtinut)**
Membru				
1	"Verifying Software Safety with Constraint Type System" la National University of Singapore, Computer Science Department de la Agentia Nationala de Cercetare A*STAR Singapore, 2003-2006. Coordonator Prof. Chin Wei-Ngan. Numarul de membrii a fost egal cu 8. https://sites.google.com/site/socnewsletter2011/home/research	**Membru grant international de cercetare, 200.000-499.999 euro**	**4**	**4**
2	"A Constructive Approach to Dependable Software" la National University of Singapore,	**Membru grant**	**5**	**5**

Nr. crt.	Numele Indicatorului	Categoria (si Functia)	Formula de calcul	Punctaj
	Computer Science Department de la Agentia Nationala de Cercetare A*STAR Singapore, 2006-2009. Coordonator Prof. Chin Wei-Ngan. Numarul de membrii a fost egal cu 8. https://sites.google.com/site/socnewsletter2011/home/research	**international de cercetare, >500.000**		
3	"Specification and Verification for Future Programmers" la National University of Singapore, Computer Science Department, de la Agentia Nationala de Cercetare A*STAR Singapore, perioada 2009-2013. Coordonator Prof. Chin Wei-Ngan. Numarul de membrii a fost egal cu 10. http://www.comp.nus.edu.sg/~chinwn/tier2.09.pdf	**Membru grant international de cercetare, >500.000 euro**	**5**	**5**
4	"Resource Analysis and Verification for Dependable Embedded Software" la Durham University, Computer Science Department de la Agentia Nationala de Cercetare EPSRC, United Kingdom, perioada 2008-2012. EP/E021948/1. Coordonator Prof. Shengchao Qin. Numarul de membrii a fost egal cu 8. https://www.scedt.tees.ac.uk/s.qin/EP-E021948/	**Membru grant international de cercetare, 200.000-499.999 euro**	**4**	**4**
3	"Inference Mechanisms for a Separation and Numerical Domain" la Teesside University, Computer Science Department, Agentia Nationala de Cercetare EPSRC, United Kingdom, perioada 2009- 2013. EP/G042322, Coordonator Prof. Shengchao Qin. Numarul de membrii a fost egal cu 6. https://www.scedt.tees.ac.uk/s.qin/EP-G042322.html	**Membru grant international de cercetare, 200.000-499.999 euro**	**4**	**4**
Membru in comitetul stiintific (de program) al unor conferinte, simpozioane, workshop-uri			**Total punctaj = 17**	
1	PC Co-Chair, The 16th Theoretical Aspects of Software Engineering Conference (TASE 2022) https://www.cs.ubbcluj.ro/tase2022/	**D(LNCS proceedings)**	**0.5**	**0.5**
2	SETTA 2021 Program Committee: The Symposium on Dependable Software Engineering: Theories, Tools and Applications, https://lcs.ios.ac.cn/setta2021/	**D(LNCS proceedings)**	**0.5**	**0.5**
3	TASE 2021 Program Committee: The 15th International Symposium on Theoretical Aspects of Software Engineering. https://tase2021.github.io/c_pcm.html	**D**	**0.5**	**0.5**
4	MACS 2020 Program Committee: 13th Joint Conference on Mathematics and Computer Science. http://macs2020.elte.hu/index.php/committees/	**D**	**0.5**	**0.5**
5	ICFEM 2020 Program Committee: 22nd International Conference on Formal Engineering Methods, November 2020, Singapore.	**B**	**2**	**2**

Nr. crt.	Numele Indicatorului	Categoria (si Functia)	Formula de calcul	Punctaj
	https://formal-analysis.com/icfem/2020/			
6	TASE 2020 Program Committee: The 14th International Symposium on Theoretical Aspects of Software Engineering, July 15-17, 2020, Hangzhou, China. https://sei.ecnu.edu.cn/tase2020/	**D**	**0.5**	**0.5**
7	**PC Co-Chair** FROM 2020 Program Committee: The fourth edition of Working Formal Methods Symposium, September 2020, Cluj-Napoca, Romania. http://www.cs.ubbcluj.ro/from2020/committees/	**D**	**0.5**	**0.5**
8	ICFEM 2019 Program Committee: The 21st International Conference on Formal Engineering Methods, Shenzen, China November 2019. http://csse.szu.edu.cn/icfem2019/committee.html	**B**	**2**	**2**
9	TASE 2019 Program Committee: The 13th IEEE International Symposium on Theoretical Aspects of Software Engineering, Guilin, China, July 2019. http://www.se.gxnu.edu.cn/tase2019/	**C**	**1**	**1**
10	FROM 2018 Program Committee: The second edition of Working Formal Methods Symposium, July 2018, Iasi, Romania https://fmse.info.uaic.ro/event/from-2018/	**D**	**0.5**	**0.5**
11	MIKE 2018 Program Committee: 6th International Conference on Mining Intelligence and Knowledge Exploration, December 2018, Cluj-Napoca, Romania http://www.mike.org.in/2018/#l-start	**D (LNCS proceedings)**	**0.5**	**0.5**
12	TASE 2012 Program Committee: The Sixth IEEE International Symposium on Theoretical Aspects of Software Engineering, Beijing, China, 4-6 July 2012. http://selab.bjut.edu.cn/tase2012	**C**	**1**	**1**
13	FTfJP 2012 Program Committee: 14th ECOOP Workshop on Formal Techniques for Java-like Programs, Beijing, China, 12 June 2012. https://lists.cam.ac.uk/pipermail/cl-isabelle-users/2012-February/msg00030.html	**C**	**1**	**1**
14	ICFEM 2011 Program Committee: 13th International Conference on Formal Engineering Methods, UK, October 2011 http://www.wikicfp.com/cfp/servlet/event.showcfp?eventid=14021&copyowner..	**B**	**2**	**2**
15	ATVA 2010 Program Committee: 8th International Symposium on Automated Technology for Verification and Analysis, Singapore, September 2010. http://www.wikicfp.com/cfp/servlet/event.showcfp?eventid=8302&copyownerid=9253	**A**	**4**	**4**

Nr. crt.	Numele Indicatorului	Categoria (si Functia)	Formula de calcul	Punctaj
Organizarea evenimente stiintifice			**Total punctaj = 6**	
1	**General Co-Chair**, The 16th Theoretical Aspects of Software Engineering Conference (TASE 2022) https://www.cs.ubbcluj.ro/tase2022/	**Director eveniment stiintific**	**2**	**2**
2	**General Co-Chair** FROM 2020 Program Committee: The fourth edition of Working Formal Methods Symposium, September 2020, Cluj-Napoca, Romania. http://www.cs.ubbcluj.ro/from2020/committees/	**Director eveniment stiintific**	**2**	**2**
3	**Poster Chair si Publicity Chair** pentru TASE 2009: 3rd IEEE/IFIP International Symposium on Theoretical Aspects of Software Engineering, Tianjin, China. 29-21 July, 2009 https://www.scedt.tees.ac.uk/s.qin/tase2009/co.htm	**Membru in comitetul de organizare**	**1**	**1**
4	**System Admin (**paper submission system and web site**),** Asian Symposium on Programming Languages and Systems (APLAS 2004)	**Membru in comitetul de organizare**	**1**	**1**
Keynote/Invited speaker/Professor la evenimente/universitati			**Total punctaj = 16**	
1	**Invited speaker** la FROM 2019: The third edition of Working Formal Methods Symposium, September 2019, Timisoara, Romania. Titlul: *"Region-based Memory Management for BigData Applications"* https://from2019.projects.uvt.ro/invited-speakers/	**Invited speaker la eveniment de tip D**	**1**	**1**
2	**Invited speaker** la FROM 2017: The first edition of Working Formal Methods Symposium, July 2017, Bucuresti, Romania. Titlul: *"Towards a Session Logic for Communication Protocols"* https://unibuc.ro/~conference/from2017/indexold.html	**Invited speaker la eveniment de tip D**	**1**	**1**
3	**Invited speaker** la Programatica Group, Computer Science Department, Portland State University, Oregon US, October 2006. Titlul: *"A Flow-based Approach for Variant Parametric Types"*. Host: Prof. Mark P Jones (https://web.cecs.pdx.edu/~mpj/)	**Invited speaker la universitate top 500**	**2**	**2**
4	**Invited speaker** la 20th Tokyo Programming Seminar, Computer Science Department, Tokyo University, Japan, 2005. Titlul: *"Region Inference for an Object-Oriented Language"*, Host: Prof.Zhenjiang Hu (http://sei.pku.edu.cn/~hu/)	**Invited speaker la universitate top 100**	**8**	**8**
5	**Invited speaker** la Graduate School of Informatics, Kyoto University, Japan, 2005. Titlul: *"Region Inference for an Object-Oriented Language"*. Host: Prof. Atsushi Igarashi (https://www.fos.kuis.kyoto-u.ac.jp/~igarashi/index.html.en)	**Invited speaker la universitate top 200**	**4**	**4**

Nr. crt.	Numele Indicatorului	Categoria (si Functia)	Formula de calcul	Punctaj
Profesor/ cercetator asociat/ visiting la o universitate			**Total punctaj = 24**	
1	**Cercetator asociat** visiting la National University of Singapore, School of Computing, December 2018. Host: Prof. Chin Wei Ngan	**Top 20**	**12*1 luna**	**12**
2	**Cercetator asociat** visiting la Teesside University, UK, September 2012. Host: Prof. Shengchao Qin	**Top 500**	**2*1 luna**	**2**
3	**Cercetator asociat** visiting la National University of Singapore, School of Computing, February - August 2010. Host: Prof. Chin Wei-Ngan	**Top 20**	**12* 6 luni**	**72**
Membru in comisii de evaluare a tezelor de doctorat la o universitate			**Total punctaj = 1**	
1	**Membru** in comisia de evaluare a tezei de doctorat "Requirements Engineering for Web Applications", a d-lui GAL-CHIȘ Călin Eugen Nicolae, Universitatea Babes-Bolyai, 2017	**Top >500**	**0.5**	**0.5**
2	**Membru** in comisia de evaluare a tezei de doctorat "Research on Agapia Language, Compiler and Applications", a d-lui Panduru I Ciprian Ionut, Universitatea Bucuresti, 2015	**Top >500**	**0.5**	**0.5**
Membru in comisii de indrumare a doctoranzilor			**Total punctaj = 3**	
1	**Membru** in comisia de indrumare a doctorandului Kiss Tibor (colaborare Siemens-Universitatea Babes-Bolyai). Teza cu titlul "Session Logic and its Applications in Railway Industry " a fost sustinuta in 2017.		**1**	**1**
2	**Membru** in comisia de indrumare al lui Guanhua He, Teesside University, UK. Teza sustinuta in 2011		**1**	**1**
3	**Membru** in comisia de indrumare al lui Chenguang Luo, Durham University, UK. Teza sustinuta in 2010.		**1**	**1**
Pozitii de conducere in organizatii profesionale			**Total punctaj = 4**	
1	Management Committee Member for COST Action CA 20111- European Research Network on Formal Proofs	**international**	**4**	**4**

Nr. crt.	Numele Indicatorului	Categoria (si Functia)	Formula de calcul	Punctaj
Premii			**Total punctaj = 8**	
1	***Premiu pentru Cercetare in Informatica***, Universitatea Babes-Bolyai, 2015		**2**	
2	***President's Award***, National University of Singapore, 2004-2005		**2**	
3	***Dean's Award***, School of Computing, National University of Singapore, 2004-2005		**2**	
4	**"Most Rigorous Project" Award** (Postgraduate Category), 8th National Information Technology Awareness (NITA) Project Competition, National University of Singapore March, 2004.		**2**	