

Fișa de verificare
a îndeplinirii standardelor minime necesare și obligatorii
pentru conferirea titlurilor didactice din învățământul superior
și a gradelor profesionale de cercetare – dezvoltare

Criterii pentru Asistent perioadă determinată (conform Anexa 1b)		Realizat
Perspectiva b)	Prag $A^*+A+B+C \geq 0$	12.4
	Total ≥ 0	12.4
Perspectiva c)	Total ≥ 0	29

Perspectiva b)

An	Revistă/ Conferință/ Serie	Liste utilizate	Cat.	Detalii lucrare	Nr. autori	Punctaj
2019	EPTCS		C	Cezar-Constantin Andrici, Ștefan Ciobăcă, Verifying the DPLL Algorithm in Dafny. In Mircea Marin and Adrian Crăciun: Proceedings Third Symposium on Working Formal Methods (FROM 2019), Timișoara, Romania, 3-5 September 2019, Electronic Proceedings in Theoretical Computer Science 303, pp. 3–15. https://cgi.cse.unsw.edu.au/~eptcs/paper.cgi?FROM2019_1	2	2
2022	Mathematics (ISSN: 2227-7390)	Lista revistelor pe subdomeniul, ordonate descrescător în funcție de factorul nenul de impact (IF), conform ediției JCR 2020 din 30 iunie 2021, indexate în Science Citation Index Expanded (SCIE) sau Social Sciences Citation Index (SSCI)	A	Cezar-Constantin Andrici, Ștefan Ciobăcă, A Verified Implementation of the DPLL Algorithm in Dafny. In: Mathematics 2022, 10, 2264. https://doi.org/10.3390/math10132264	2	8
2024	POPL 2024	CORE2023	A*	Cezar-Constantin Andrici, Ștefan Ciobăcă, Cătălin Hrițcu, Guido Martínez, Exequiel Rivas, Éric Tanter, and Théo Winterhalter. 2024. Securing Verified IO Programs Against Unverified Code in F*. Proc. ACM Program. Lang. 8, POPL, Article 74 (January 2024), 34 pages. https://doi.org/10.1145/3632916	7	2.4

Perspectiva c)

An	Lucrare citată	Nr. autori	Lucrare care citează	Revistă/ Conferință/ Serie	Cat.	Punctaj
2021	Cezar-Constantin Andrici, Ștefan Ciobăcă, Verifying the DPLL Algorithm in Dafny. In Mircea Marin and Adrian Crăciun: Proceedings Third Symposium on Working Formal Methods (FROM 2019), Timișoara, Romania, 3-5 September 2019,	2	Cassez, F. (2021). Verification of the Incremental Merkle Tree Algorithm with Dafny. In: Huisman, M., Păsăreanu, C., Zhan, N. (eds) Formal Methods. FM 2021. Lecture Notes in Computer Science(), vol 13047. Springer, Cham.	FM 2021	A	8

	Electronic Proceedings in Theoretical Computer Science 303, pp. 3–15.		https://doi.org/10.1007/978-3-030-90870-6_24			
2022			Hallahan, William Triest, "Automated Approaches for Program Verification and Repair" (2022). <i>Yale Graduate School of Arts and Sciences Dissertations</i> . 602. https://elischolar.library.yale.edu/gsas_dissertations/602	Doctoral dissertation		1
2024			Eli Goldweber, Weixin Yu, Seyed Armin Vakil Ghahani, and Manos Kapritsos. 2024. IronSpec: increasing the reliability of formal specifications. In Proceedings of the 18th USENIX Conference on Operating Systems Design and Implementation (OSDI'24). USENIX Association, USA, Article 47, 875–891.	OSDI'24	A*	12
2025	Cezar-Constantin Andrici, Ștefan Ciobăcă, A Verified Implementation of the DPLL Algorithm in Dafny. In: <i>Mathematics</i> 2022, 10, 2264.		Huang, Y.; Niu, Q.; Song, Y. Research on Abstraction-Based Search Space Partitioning and Solving Satisfiability Problems. <i>Mathematics</i> 2025, 13, 868. https://doi.org/10.3390/math13050868	Mathematics ISSN: 2227-7390	A	8