



ACADEMIA ROMÂNĂ
SCOSAAR

Anexa nr. 3

FIȘA DE ÎNDEPLINIRE A STANDARDELOR MINIMALE conform CNATDCU, domeniul Matematică

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Toate articolele din tabele se încadrează domeniului Matematică, fiind indexate simultan în bazele de date: [Mathematical Reviews \(MathSciNet\)](#) și [Zentralblatt Math \(zbMath.org\)](#).

Fișa a fost concepută prin considerarea unui număr minim de articole (astfel fiind ușor de verificat), strict pentru a demonstra îndeplinirea standardelor minimale, sumele S , S_{recent} , și C fiind mult mai mari decât standardele minimale de 5, 2.5 și respectiv 12.¹

Lucrări: $S \geq 5.044 \geq 5$, $S_{\text{recent}} \geq 2.576 \geq 2.5$

	Articol	Publicat în ultimii 7 ani	s_i	n_i	s_i/n_i
1	R. Diaconescu: Decompositions of stratified institutions, <i>Journal of Logic and Computation</i> 33(7):1625–1664, Oxford Univ. Press, 2023.	DA	1.206 (2021)	1	1.206
2	R. Diaconescu: Partialising institutions, <i>Applied Categorical Structures</i> 31(6):46, Springer, 2023.	DA	1.370 (2024)	1	1.370
3	R. Diaconescu: An institution-independent proof of Craig interpolation theorem, <i>Studia Logica</i> 77(1):59–79, Springer, 2004.	NU	2.468 (2024)	1	2.468

Citări: $C \geq 12$

	Articol care citează	Articol citat	s_i
1	D. Găină, G. Badia, T. Kowalski: Omitting types theorem in hybrid dynamic first-order logic with rigid symbols, <i>Annals of Pure and Applied Logic</i> 174(3) (2023)	R. Diaconescu. Institution-independent ultraproducts, <i>Fundamenta Informaticæ</i> , 55(3-4):321–348, IOS Press (2003)	1.878 (2021)
2	D. Găină, G. Badia, T. Kowalski: Omitting types theorem in hybrid dynamic first-order logic with rigid symbols, <i>Annals of Pure and Applied Logic</i> 174(3) (2023)	R. Diaconescu. Implicit Kripke semantics and ultraproducts în stratified institutions, <i>Journal of Logic and Computation</i> 27(5):1577–1606, Oxford Univ. Press (2017)	1.878 (2021)
3	D. Găină, G. Badia, T. Kowalski: Omitting types theorem in hybrid dynamic first-order logic with rigid symbols, <i>Annals of Pure and Applied Logic</i> 174(3) (2023)	R. Diaconescu. Proof systems for institutional logic, <i>Journal of Logic and Computation</i> 16(3):339–357 Oxford Univ. Press (2006)	1.878 (2021)

¹ De exemplu C este de câteva zeci de ori mai mare decât standardul minimal.

4	D. Găină, G. Badia, T. Kowalski: Omitting types theorem in hybrid dynamic first-order logic with rigid symbols, <i>Annals of Pure and Applied Logic</i> 174(3) (2023)	R. Diaconescu. Quasi-varieties and initial semantics for hybridized institutions, <i>Journal of Logic and Computation</i> 26(3):855–891, Oxford Univ. Press (2016)	1.878 (2021)
5	D. Găină, G. Badia, T. Kowalski. Omitting types theorem in hybrid dynamic first-order logic with rigid symbols, <i>Annals of Pure and Applied Logic</i> 174(3) (2023)	R. Diaconescu, A. Madeira. Encoding hybridized institutions into first order logic. <i>Mathematical Structures in Computer Science</i> 26(5):745–788, Cambridge Univ. Press (2016)	1.878 (2021)
6	D. Găină, T. Kowalski: Lindstrom’s theorem, both syntax and semantics free, <i>Journal of Logic and Computation</i> 32(5) (2022) pag. 942–975.	R. Diaconescu. Implicit Kripke semantics and ultraproducts în stratified institutions, <i>Journal of Logic and Computation</i> , 27(5):1577–1606, Oxford Univ. Press (2017)	1.206 (2021)
7	M. Mandelkern: Modality and expressibility, <i>The Review of Symbolic Logic</i> 12(4) (2019), pag. 768–80.	T. Mossakowski, R. Diaconescu, A. Tarlecki: What is a Logic Translation?, <i>Logica Universalis</i> 3(1), (2009) pag. 59–94.	3.896 (2024)
8	D. Găină, T. Kowalski: Fraisse–Hintikka theorem in institutions, <i>Journal of Logic and Computation</i> 30(7) (2020), pag. 1377–1399	R. Diaconescu, M. Petria: Saturated models in institutions, <i>Archive for Mathematical Logic</i> 49(6) (2010), pag. 693–723.	1.206 (2021)
9	D. Găină, T. Kowalski: Fraisse–Hintikka theorem in institutions, <i>Journal of Logic and Computation</i> 30(7) (2020), pag. 1377–1399	R. Diaconescu. Quasi-varieties and initial semantics for hybridized institutions, <i>Journal of Logic and Computation</i> 26(3):855–891, Oxford Univ. Press (2016)	1.206 (2021)
10	D. Găină, T. Kowalski: Fraisse–Hintikka theorem in institutions, <i>Journal of Logic and Computation</i> 30(7) (2020), pag. 1377–1399	R. Diaconescu. Proof systems for institutional logic, <i>Journal of Logic and Computation</i> 16(3):339–357, Oxford Univ. Press (2006)	1.206 (2021)
11	D. Găină, T. Kowalski: Fraisse–Hintikka theorem in institutions, <i>Journal of Logic and Computation</i> 30(7) (2020), pag. 1377–1399	R. Diaconescu, Elementary diagrams in institutions, <i>Journal of Logic and Computation</i> 14(5), (2004) pag. 651–674.	1.206 (2021)
12	D. Găină, T. Kowalski: Fraisse–Hintikka theorem in institutions, <i>Journal of Logic and Computation</i> 30(7) (2020), pag. 1377–1399	R. Diaconescu: An institution-independent proof of Craig interpolation theorem, <i>Studia Logica</i> 77(1):59–79, Springer, 2004.	1.206 (2021)