Universitatea *Transilvania* din Braşov
Facultatea de Matematică și Informatică
Departamentul de Matematică și Informatică
Conf. univ. dr. MINCULETE Nicușor

FIŞA DE AUTOEVALUARE PRIVIND ÎNDEPLINIRIEA STANDARDELOR MINIMALE OBLIGATORII PENTRU ACORDAREA ATESTATULUI DE ABILITARE ÎN DOMENIUL MATEMATICĂ

Fișa de verificare a îndeplinirii standardelor minimale din Anexa 1 din ORDINUL nr. 6560 din 20 decembrie 2012, publicat în Monitorul Oficial, Partea I, nr. 890bis/27.12.2012

Punctaj standard naționale: I = 5,0384, $\mathbf{I_{recent}}$**= 5,0384**, **C = 25**

Nr. crt.	Articolul, Referința bibliografică	Publicat in ultimii 7 ani	f_i *factor de impact*	n_i *nr. autori*	f_i/n_i
1	**Minculete, N.,** Păltănea, R., *Improved estimates for the triangle inequality*, J. Inequal. Appl. 2017:**17**, 2017. **DOI:** 10.1186/s13660-016-1281-z https://journalofinequalitiesandapplications.springeropen.com/articles/10.1186/s13660-016-1281-z	X	**0.791**	**2**	**0,3955**
2	Țenescu, A., Precup, R.E., **Minculete, N**., *Evolving Fuzzy Models for Automated Translation*, Acta Polytechnica Hungarica, Vol. **14**, No. 2, 2017, 27-46. *DOI: 10.12700/APH.14.2.2017.2.2* http://www.uni-obuda.hu/journal/Tenescu_Precup_Minculete_73.pdf	X	**0.745**	**3**	**0,2483**
3	Mitroi-Symeonidis, Fl. C., **Minculete, N.**, *On the Jensen functional and superquadricity*, Aequationes Mathematicae, August 2016, Volume 90, Issue 4, pp 705–718 DOI: 10.1007/s00010-015-0389-4 https://link.springer.com/article/10.1007/s00010-015-0389-4	X	**0,826**	**2**	**0,413**
4	Mitroi-Symeonidis, Fl. C., **Minculete, N**., *On the Jensen Functional and Strong Convexity*, Bulletin of the Malaysian Mathematical Sciences Society, 1-9,	X	**0,720**	**2**	**0,360**

	2016 DOI: 10.1007/s40840-015-0293-z https://link.springer.com/article/10.1007/s40840-015-0293-z				
5	Fântână, R., **Minculete, N.,** Precup, R. E., *Extention of Liskov Substitution Principle and Application to Curriculum Management*, Acta Polytehnica Hungarica, Vol. **11**, No. 7, 2014, 25-42. *DOI: 10.12700/APH.11.07.2014.07.2* http://www.uni-obuda.hu/journal/Fantana_Minculete_Precup_53.pdf	X	**0.745**	**3**	**0,2483**
6	**Minculete, N.,** Ciurdariu, L., *A generalized form of Grüss type inequality and other integral inequalities*, J. Inequal. Appl. 2014:**119**, 2014. DOI: 10.1186/1029-242X-2014-119 https://journalofinequalitiesandapplications.springeropen.com/articles/10.1186/1029-242X-2014-119	X	**0.791**	**2**	**0,3955**
7	Mitroi, F. C., **Minculete, N.,** *Mathematical inequalities for biparametric extended information measures*, J. Math. Inequal., vol. **7**, No. **1** (2013), 63-71. dx.doi.org/10.7153/jmi-07-06 http://files.ele-math.com/articles/jmi-07-06.pdf	X	**0,777**	**2**	**0,3885**
8	**Minculete, N.,** *On certain inequalities about arithmetic functions which use the exponential divisors*, Int. J. Number Theory, **8,** Issue 6, 2012, 1527-1535. https://doi.org/10.1142/S1793042112500923 http://www.worldscientific.com/doi/abs/10.1142/S1793042112500923?journalCode=ijnt	**X**	**0,527**	**1**	**0,527**
9	Furuichi, S., **Minculete, N.,** Mitroi, C., *Some inequalities on generalized entropies*, J. Inequal. Appl. 2012:**226**, 2012. doi:10.1186/1029-242X-2012-226 https://link.springer.com/article/10.1186/1029-242X-2012-226	X	**0.791**	**3**	**0,2636**

10	Pozna, C., **Minculete, N.,** Precup, E., Kóczy, L., Ballagi, L., *Signatures: Definitions, operators and applications to fuzzy modelling*, Fuzzy Set and Systems, **201**(2012), 86-104. https://doi.org/10.1016/j.fss.2011.12.016 http://www.sciencedirect.com/science/article/pii/S0165011411005720	**X**	**2,718**	**5**	**0,5436**
11	**Minculete, N.,** Pozna, C., Precup, E., *A refinement of Sandor-Toth's inequality*, J. Inequal. Appl. 2012:**4**, 2012. doi:10.1186/1029-242X-2012-4 https://link.springer.com/article/10.1186/1029-242X-2012-4	X	**0.791**	**3**	**0,2636**
12	**Minculete, N.,** *Two generalizations of Landau's inequality*, Math. Inequal. Appl., Vol. 15, No. 3, 2012, 591-598. dx.doi.org/10.7153/mia-15-52 http://mia.ele-math.com/15-52/Two-generalizations-of-Landau-s-inequality	**X**	**0,603**	**1**	**0,603**
13	Furuichi, S., **Minculete, N.,** *Alternative reverse inequalities for Young's inequality*, J. Math. Inequal., vol. **5**, No. **4** (2011), 595-600. dx.doi.org/10.7153/jmi-05-51 http://jmi.ele-math.com/05-51/Alternative-reverse-inequalities-for-Young-s-inequality	X	**0,777**	**2**	**0,3885**
TOTAL				***I*=**	**5,0384**
				***I_{recent}*=**	**5,0384**

NOTĂ: În coloana "Publicat în ultimii 7 ani" se bifează cu X articolele din $\boldsymbol{M_{recent}}$

[14] **Minculete, N.,** Considerations about the several inequalities in an inner product space, *accepted for publishing in Journal of Mathematical Inequalities*, 2017: Impact factor 0,777.
[15] Moradi, H. R., Furuichi, S., **Minculete, N.,** Estimates for Tsallis relative operator entropy, *accepted for publishing in Mathematical Inequalities & Applications*, 2017: Impact factor 0,603.

Nr. Crt.	Articolul citat	Revista și articolul unde a fost citat	$f_i>0,5$
1	Furuichi, S., **Minculete, N.,** *Alternative reverse inequalities for Young's inequality*, J. Math. Inequal., vol. **5**, No. **4** (2011), 595-600.	K. Fujiwara, T. Ozawa, Stability of the Young and Holder Inequalities, J. Ineq. Appl., Article Number **162**, 2014.	**0,773**
2	Furuichi, S., **Minculete, N.,** *Alternative reverse inequalities for Young's inequality*, J. Math. Inequal., vol. **5**, No. **4** (2011), 595-600.	A. Ibrahim, S. S. Dragomir, M. Darus, *Power series inequalities related to Young's inequality and applications*, Integral Transforms and Special Functions, vol. **24**, Issue 9, 2013, 700-714. DOI: 10.1080/10652469.2012.751527 http://www.tandfonline.com/doi/abs/10.1080/10652469.2012.751527	**0,873**
3	Furuichi, S., **Minculete, N.,** *Alternative reverse inequalities for Young's inequality*, J. Math. Inequal., vol. **5**, No. **4** (2011), 595-600.	H. Alzer, C. M. Da Fonseca, A. Kovačec, *Young-type inequalities and their matrix analogous*, Linear and Multilinear Algebra, Issue 3, 2015, 622-635. http://www.tandfonline.com/doi/abs/10.1080/03081087.2014.891588?journalCode=glma20	**1,000**
4	Furuichi, S., **Minculete, N.,** *Alternative reverse inequalities for Young's inequality*, J. Math. Inequal., vol. **5**, No. **4** (2011), 595-600.	W. Liao, J. Wu and J. Zhao, *New versions of reverse Young and Heinz mean inequalities with the Kantorovich constant***,** TAIWANESE JOURNAL OF MATHEMATICS**,** Vol. **19**, No. 2, April 2015, pp. 467-479. (FI 2014:) ISBN: 1027-5487 https://www.jstor.org/stable/taiwjmath.19.2.467?seq=1#page_scan_tab_contents	**0,749**
5	Furuichi, S., **Minculete, N.,** *Alternative reverse inequalities for Young's inequality*, J. Math. Inequal., vol. **5**, No. **4** (2011), 595-600.	K. Fujiwara, T. Ozawa, *Stability of the Young and Holder inequalities*, J. Inequal. Appl. 2014, 2014:162 https://link.springer.com/article/10.1186/1029-242X-2014-162	**0,791**
6	Furuichi, S., **Minculete, N.,** *Alternative reverse inequalities for Young's inequality*, J. Math. Inequal., vol. **5**, No.	M. Bagher Ghaemi, V. Kaleibary *Some inequalities involving operator monotone functions and*	**0,603**

Nr. Crt.	Articolul citat	Revista și articolul unde a fost citat	$f_i>0,5$
	4 (2011), 595-600.	*operator means*, Volume 19, Number 2 (2016), 757–764 http://files.ele-math.com/abstracts/mia-19-55-abs.pdf	
7	Furuichi, S., **Minculete, N.,** *Alternative reverse inequalities for Young's inequality*, J. Math. Inequal., vol. **5**, No. **4** (2011), 595-600.	S.Furuichi, M. Bagher Ghaemi, N. Gharakhanlu, *Generalized Reverse Young and Heinz Inequalities,*Bulletin of the Malaysian Mathematical Sciences Society, 1-6, 2017 https://link.springer.com/article/10.1007/s40840-017-0483-y	**0,720**
8	Furuichi, S., **Minculete, N.,** Mitroi, C., *Some inequalities on generalized entropies*, J. Inequal. Appl. 2012:**226**, 2012.	Besenyei,A., Petz, D., Partial subadditivity of entropies, *Linear Algebra and its Applications*, 439(10), 2013, 3297-3305. http://www.sciencedirect.com/science/article/pii/S0024379513002437	**0,973**
9	Furuichi, S., **Minculete, N.,** Mitroi, C., *Some inequalities on generalized entropies*, J. Inequal. Appl. 2012:**226**, 2012.	Furuichi, S., Mitroi, C., Mathematical inequalities for some divergences, *Psyhica A. Statistical Mechanics and its Applications*, Vol. 391, Issues 1-2, 2012, 388-400. ISBN: 0378-4371 http://www.sciencedirect.com/science/article/pii/S0378437111006017	**2,243**
10	Pozna, C., **Minculete, N.,** Precup, E., Kóczy, L., Ballagi, L., *Signatures: Definitions, operators and applications to fuzzy modelling*, Fuzzy Set and Systems, **201**(2012), 86-104.	Pozna, C., Precup, E., *Applications of Signatures to Expert Systems Modelling,* Acta Polytehnica Hungarica, Vol. **11**, No. 2, 2014, 21-39. https://uni-obuda.hu/journal/Pozna_Precup_48.pdf	**0,745**
11	Pozna, C., **Minculete, N.,** Precup, E., Kóczy, L., Ballagi, L., *Signatures: Definitions, operators and applications to fuzzy modelling*, Fuzzy Set and Systems, **201**(2012), 86-104.	Pozna, C., Precup, R. E., Földesi, P., *A novel pose estimation alghoritm for robotic navigation*, Robotics and Authonomous Systems, Vol. 63, Part 1, January 2015, Pages 10-21. ISBN: 0921-8890	**1,950**

Nr. Crt.	Articolul citat	Revista și articolul unde a fost citat	$f_i>0,5$
		http://dl.acm.org/citation.cfm?id=2947716.2947851	
12	Pozna, C., **Minculete, N.,** Precup, E., Kóczy, L., Ballagi, L., *Signatures: Definitions, operators and applications to fuzzy modelling*, Fuzzy Set and Systems, **201**(2012), 86-104.	J. Nowaková, M. Prílepok, V. Snášel, *Medical Image Retrieval Using Vector Quantization and Fuzzy S-tree*, Journal of Medical Systems, February 2017, 41:18 https://link.springer.com/article/10.1007/s10916-016-0659-2	**2,456**
13	Andrica, D., Barbu, C., **Minculete, N.,** *A geometric way to generate Blundon type inequalities*, Acta Univ. Apulensis Math. Inform **31** (2012), 93-106.	D. Andrica, C. Barbu, L. I. Piscoran,, *To geometric proof to a sharp version of Blundon's inequalities,* J. Math.Inequal., Volume 10, Number 4 (2016), 1137–1143 http://files.ele-math.com/articles/jmi-10-90.pdf	**0,777**
14	**Minculete, N.,** *A result about Young's inequality and several applications*, Sci. Magna, Vol. **7** (2011), No. 1, 61-68.	A. Ibrahim, S. S. Dragomir, M. Darus, *Power series inequalities related to Young's inequality and applications*, Integral Transforms and Special Functions, vol. **24**, Issue 9, 2013, 700-714. DOI: 10.1080/10652469.2012.751527 http://www.tandfonline.com/doi/abs/10.1080/10652469.2012.751527	**0,873**
15	Mitroi, F. C., **Minculete, N.,** *Mathematical inequalities for biparametric extended information measures*, J. Math. Inequal., vol. **7**, No. **1** (2013), 63-71.	R.-E. Precup, M.L. Tomescu, E.M. Petriu, *A Unified Anti-Windup Technique for Fuzzy and Sliding Mode Controllers*, INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL **10**(6):815-827, December, 2015 *http://univagora.ro/jour/index.php/ijccc/article/view/2075*	**1,374**
16	Mitroi, F. C., **Minculete, N.,** *Mathematical inequalities for biparametric extended information measures*, J. Math. Inequal., vol. **7**, No. **1** (2013), 63-71.	Pozna, C., Precup, E., *Applications of Signatures to Expert Systems Modelling*, Acta Polytehnica Hungarica, Vol. **11**, No. 2, 2014, 21-39. https://uni-	**0,745**

Nr. Crt.	Articolul citat	Revista și articolul unde a fost citat	$f_i>0,5$
		obuda.hu/journal/Pozna_Precup_48.pdf	
17	**Minculete, N.,** Ciurdariu, L., *A generalized form of Grüss type inequality and other integral inequalities*, J. Inequal. Appl. 2014:**119**, 2014. DOI: 10.1186/1029-242X-2014-119 https://journalofinequalitiesandapplications.springeropen.com/articles/10.1186/1029-242X-2014-119	L. Nikolova, S. Varosanec, *Chebyshev and Gruss type inequalities involving two linear functional and applications*, Math. Inequal. Appl., Volume 19, Number 1 (2016), 127–143 http://files.ele-math.com/abstracts/mia-19-10-abs.pdf	**0,603**
18	**Minculete, N.,** Mitroi, C., *Fejer-type inequalities*, The Australian Journal of Mathematical Analysis and Applications, Vol. **9**., Issue 1, Article 12, 2012, 1-8. http://ajmaa.org/cgi-bin/paper.pl?string=v9n1/V9I1P12.tex	Kunt, M., İşcan, İ., Yazıcı, N. et al. *On new inequalities of Hermite–Hadamard–Fejer type for harmonically convex functions via fractional integrals*, SpringerPlus (2016) 5: 635 https://link.springer.com/article/10.1186/s40064-016-2215-4	**1,130**
19	**Minculete, N.,** Mitroi, C., *Fejer-type inequalities*, The Australian Journal of Mathematical Analysis and Applications, Vol. **9**., Issue 1, Article 12, 2012, 1-8. http://ajmaa.org/cgi-bin/paper.pl?string=v9n1/V9I1P12.tex	M. Niezgoda, *Sherman, Hermite-Hadamard and Fejer like Inequalities for Convex Sequences and Nondecreasing Convex Functions*, Filomat 31:8 (2017), 2321–2335. DOI 10.2298/FIL1708321N http://journal.pmf.ni.ac.rs/filomat/index.php/filomat/article/viewFile/3607/2004	**0,695**
20	**Minculete, N.,** Mitroi, C., *Fejer-type inequalities*, The Australian Journal of Mathematical Analysis and Applications, Vol. **9**., Issue 1, Article 12, 2012, 1-8. http://ajmaa.org/cgi-bin/paper.pl?string=v9n1/V9I1P12.tex	M. Niezgoda, *Inequalities for convex sequences and nondecreasing convex functions*, Aequationes mathematicae, February 2017, Volume 91, Issue 1, pp 1–20 https://link.springer.com/article/10.1007/s00010-016-0444-9	**0,826**
21	Mitroi-Symeonidis, Fl. C., **Minculete, N**., *On the Jensen Functional and Strong Convexity*, Bulletin of the Malaysian Mathematical Sciences Society, 1-9, 2016 DOI: 10.1007/s40840-015-0293-z https://link.springer.com/article/10.1007/s40840-015-0293-z	P. Kluza, M. Niezgoda, *Generalizations of Crooks and Lin's results on Jeffreys–Csiszár and Jensen–Csiszár f-divergences,* Physica A: Statistical Mechanics and its Applications, Volume 463, 1 December 2016, Pages 383-393.	**2,243**

Nr. Crt.	Articolul citat	Revista și articolul unde a fost citat	$f_i>0,5$
		http://www.sciencedirect.com/science/article/pii/S0378437116304939	
22	Mitroi-Symeonidis, Fl. C., **Minculete, N.**, *On the Jensen functional and superquadricity*, Aequationes Mathematicae, August 2016, Volume 90, Issue 4, pp 705–718 DOI: 10.1007/s00010-015-0389-4 https://link.springer.com/article/10.1007/s00010-015-0389-4	P. Kluza, M. Niezgoda, *Generalizations of Crooks and Lin's results on Jeffreys–Csiszár and Jensen–Csiszár f-divergences,* Physica A: Statistical Mechanics and its Applications, Volume 463, 1 December 2016, Pages 383-393. http://www.sciencedirect.com/science/article/pii/S0378437116304939	**2,243**
23	**Minculete, N.,** *On certain inequalities about arithmetic functions which use the exponential divisors*, Int. J. Number Theory, **8,** Issue 6, 2012, 1527-1535. https://doi.org/10.1142/S1793042112500923 http://www.worldscientific.com/doi/abs/10.1142/S1793042112500923?journalCode=ijnt	Pozna, C., Precup, E., *Applications of Signatures to Expert Systems Modelling*, Acta Polytehnica Hungarica, Vol. **11**, No. 2, 2014, 21-39. https://uni-obuda.hu/journal/Pozna_Precup_48.pdf	**0,745**
24	Stoica, E., **Minculete, N.,** Barbu, C., *New aspects of Ionescu–Weitzenbock's inequality*, Balkan Journal of Geometry and Its Applications, Vol. 21, No. 2, 2016, 95-101. http://www.emis.ams.org/journals/BJGA/v21n2/B21-2st-b21.pdf	O. Kouba , *On certain new refinements of Finsler-Hadwiger inequalities*, Journal of Inequalities and Applications, December 2017, 2017:80 https://link.springer.com/article/10.1186/s13660-017-1356-5	**0,791**
25	**Minculete, N.,** *A note about properties of exponential divisors*, Appl. Math. Inf. Sci. **7**, No. 1 (2013), 319-322.	Pozna, C., Precup, E., *Applications of Signatures to Expert Systems Modelling,* Acta Polytehnica Hungarica, Vol. **11**, No. 2, 2014, 21-39. https://uni-obuda.hu/journal/Pozna_Precup_48.pdf	**0,745**
Total	**C=25**		**C>=12**

Director de departament,
Conf. Univ. Dr. Marius PĂUN

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