



AVIZ INDEPLINIRE STANDARDE MINIMALE

In urma analizei dosarului de concurs depus de candidatul BAIAS ALINA RAMONA
pentru postul **Conferentiar pozitia 20** din Statul de functii al Departamentului de MATEMATICA.

Comisia de verificare apreciaza ca SUNT indeplinite standardele minime pentru participarea la
concurs.

Motivatie (*doar in cazul in care nu sunt indeplinite standardele minime*)

Comisia de verificare



UNIVERSITATEA TEHNICĂ
DIN CLUJ-NAPOCA

Fisa de verificare a Indeplinirii standardelor minime pentru postul de **Conferentiar universitar**
Conform OM 6129/20.12.2016

Candidat: **Lect. univ. dr. Baias Alina Ramona**

Post: **Conferentiar universitar**, Pozitia **20**

Universitatea Tehnica din Cluj-Napoca,

Facultatea de Automatica si Calculatoare

Departamentul de Matematica

	Standard minimal	Scor candidat
Punctaj lucrari	2.5	5.2
Punctaj lucrari recente	1.5	4.3
Citari (ISI, SRI$\geq$0.5)	6	34

FISA DE VERIFICARE A STANDARDULOR MINIMALE - ARTICOLE

NUME: BAIAS ALINA RAMONA

SCOR RELATIV DE INFLUENTA

7 iunie 2023

Nr	Articol, referinta bibliografica	An publicare	ISSN	An SRI MAX	s_i MAX SRI 2017-2021	n_i	s_i/n_i	STOTAL	5.2
								S7_RECENT	4.3
1	Boț, R.I., Frătean (Baiaș), A.R.: Looking for appropriate qualification conditions for subdifferential formulac and dual representations for convex risk measures, Math. Methods Oper. Res. 74 (2), 191–215 (2011)	2011	1432-2994	2021	1.137	2	0.569		
2	A. R. Baiaș and T. Trif: Extensions of closed convex processes, Carpathian Journal of Mathematics Vol. 31, No. 1 (2015), pp. 31-37	2015	1584-2851	2020	0.664	2	0.332		
3	Baiaș, A.R., Moșneguțu, B., Popa, D.: Set-valued solutions of a generalized quadratic functional equation, Results Math. 73 (4), 129 (2018)	2018	1422-6383	2021	1.034	3	0.345		
4	A.B. Baiaș, F. Blaga, D. Popa: Best Ulam constant for a linear difference equation, Carpath. J. Math., 35 (1) (2019), pp. 13-22	2019	1584-2851	2020	0.664	3	0.221		
5	Baiaș, A.R., Popa, D.: On Ulam stability of a linear difference equation in Banach spaces. Bull. Malays. Math. Sci. Soc., 43 (2) (2020), pp. 1357-1371. https://doi.org/10.1007/s40840-019-00744-6	2020	0126-6705	2021	0.682	2	0.341		

6	A.B. Baias, D. Popa: On the best Ulam constant of the second order linear differential operator Rev. R. Acad. Cienc. Exactas Fis. Nat., Ser. A Mat., 114 (1) (2020), Article 23 15 pp.	2020	1578-7303	2021	0.935	2	0.468
7	A.R. Baias, D. Popa On Ulam stability of a third order linear difference equation in Banach spaces Aequ. Math. (2020), 10.1007/s00010-020-00722-5	2020	0001-9054	2021	0.670	2	0.335
8	Baias A.R., Popa, D., Raşa, I.: Ulam stability of a successive approximation equation. J. Fixed Point Theory Appl. 22, Paper No. 41 (2020)	2020	1661-7738	2021	1.068	3	0.356
9	Baias, A.-R., Popa, D.: On the best Ulam constant of a higher order linear difference equation. Bull. Sci. Math. 166, 102928 (2021). https://doi.org/10.1016/j.bulsci.2020.102928	2021	0007-4497	2017	2.146	2	1.073
10	Baias, A.-R., Blaga, F., Popa, D.: On the best Ulam constant of a first order linear difference equation in Banach spaces. Acta Math. Hung. 163, 563–575 (2021). https://doi.org/10.1007/s10474-020-01098-3	2021	0236-5294	2021	0.724	3	0.241
11	Baias, Alina Ramona and Popa, Dorian: On the Best Ulam Constant of the Linear Differential Operator with Constant Coefficients, Mathematics, 10(9), (2022), https://www.mdpi.com/2227-7390/10/9/1412 ,	2022	2227-7390	2021	0.634	2	0.317
12	Baias, A.R., Kerekes, D.M. Some results concerning chain rules for Dini-Hadamard constructions. Positivity 26, 52 (2022). https://doi.org/10.1007/s11117-022-00917-x	2022	1385-1292	2017	0.787	2	0.394

13	Baias, Alina Ramona, Popa, Dorian, Rassias, Michael Th., et-valued solutions of an equation of Jensen type, Quaestiones Mathematicae, 8(1), (2022) doi: 10.2989/16073606.2022.2072249	2022	1607-3606	2020	0.597	3	0.199
							5.190

7 iunie 2023

Semnatura
Baias Alina Ramona

/18

NUME: **BAIAS ALINA RAMONA**

IN REVISTE CU SRI > 0.499

Total citari : 34

7 iunie 2023

Nr. crt.	Articolul citat, referinta bibliografica	Revista, articolul in care a fost citat	s_i (articol in care s-a facut citarea) (>0.499)	ISSN CITARE	AN CITARE
1	A.R. Baias, F. Blaga, D. Popa, On the best Ulam constant of a first order linear difference equation in Banach spaces, Acta Math. Hungar., 163 (2) (2021), pp. 563-575.	Masakazu Onitsuka, Iz-iddine El-Fassi, On approximate solutions of a class of Clairaut's equations, Applied Mathematics and Computation, Vol. 428, 2022, https://doi.org/10.1016/j.amc.2022.127205.	1.281 (2021)	0096-3003	2022
2	A.-R. Baias, D. Popa, On Ulam stability of a third order linear difference equation in Banach spaces, Aequ. Math., 94 (6) (2020), pp. 1151-1170.	Masakazu Onitsuka, Iz-iddine El-Fassi, On approximate solutions of a class of Clairaut's equations, Applied Mathematics and Computation, Vol. 428, 2022, https://doi.org/10.1016/j.amc.2022.127205.	1.281 (2021)	0096-3003	2022
3	A.R. Baias, D. Popa, On the best Ulam constant of a higher order linear difference equation, Bull. Sci. Math., 166 (2021), p. 12.	Masakazu Onitsuka, Iz-iddine El-Fassi, On approximate solutions of a class of Clairaut's equations, Applied Mathematics and Computation, Vol. 428, 2022, https://doi.org/10.1016/j.amc.2022.127205.	1.281 (2021)	0096-3003	2022
4	A.-R. Baias, F. Blaga, and D. Popa, "On the best Ulam constant of a first order linear difference equation in Banach spaces," Acta Mathematica Hungarica, vol. 163, no. 2, pp. 563–575, 2021.	Zhenzi Sun, "An Empirical Study on the Relationship between Education and Economic Development Based on PVAR Model", Scientific Programming, vol. 2021, Article ID 6052182, 13 pages, 2021. https://doi.org/10.1155/2021/6052182	0.761(2017)	1058-9244	2022
5	D. Popa and N. Vornicescu, Locally compact set-valued solutions for the general linear equation, Aequat. Math., 67 (2004), 205–215.	EL-Fassi, I., Nikodem, K. New characterizations of the set-valued solutions for a class of functional equations with involutions. Acta Math. Hungar. 168, 386–401 (2022). https://doi.org/10.1007/s10474-022-01278-3	0.724 (2021)	0236-5294	2022
6	A. B. Baias, B. Moşnegţu and D. Popa, Set-valued solutions of a generalized quadratic functional equation, Results Math. 73 (2018), Paper No. 129, 8 pp.	EL-Fassi, I., Nikodem, K. New characterizations of the set-valued solutions for a class of functional equations with involutions. Acta Math. Hungar. 168, 386–401 (2022). https://doi.org/10.1007/s10474-022-01278-3	0.724 (2021)	0236-5294	2022
7	Baias, A., Popa, D.: On the best Ulam constant of the second order linear differential operator. Rev. R. Acad. Cienc. Exactas Fis. Nat. Ser. A Mat. 114(1), Paper No. 23 (2020)	Anderson, D.R., Onitsuka, M. Hyers–Ulam Stability for Differential Systems with $2 \times 2 \times 2$ Constant Coefficient Matrix. Results Math 77, 136 (2022). https://doi.org/10.1007/s00025-022-01671-y	1.034 (2021)	1422-6383	2022
8	A. R. BAIAS, D. POPA, AND I. RASA, Ulam stability of a successive approximation equation, J. Fixed Point Theory Appl. 22, 41 (2020)	FUNCTIONAL EQUATION WITH FIXED-POINT APPROACHES, Mathematical Inequalities & Applications	0.761 (2021)	1331-4343	2022

9	Baias, A.R., Popa, D.: On Ulam stability of a linear difference equation in Banach spaces. Bull. Malays. Math. Sci. Soc., 43 (2) (2020), pp. 1357-1371. https://doi.org/10.1007/s40840-019-00744-6	Qualitative analysis of fractal-fractional order COVID-19 mathematical model with case study of Wuhan Zeeshan Ali, Faranak Rabiei, Kamal Shah, Touraj Khodadadi, Alexandria Engineering Journal Volume 60, Issue 1, February 2021, Pages 477-489	1.553 (2021)	2090-2670	2021
10	Baias, A.R., Popa, D.: On Ulam stability of a linear difference equation in Banach spaces. Bull. Malays. Math. Sci. Soc., 43 (2) (2020), pp. 1357-1371. https://doi.org/10.1007/s40840-019-00744-6	Best constant for Hyers–Ulam stability of two step sizes linear difference equations, Douglas R.Anderson and Masakazu Onitsuka, Journal of Mathematical Analysis and Applications Volume 496, Issue 2, (2021), 124807	1.118 (2020)	1096-0813	2021
11	Baias, A.R., Popa, D.: On Ulam stability of a linear difference equation in Banach spaces. Bull. Malays. Math. Sci. Soc., 43 (2) (2020), pp. 1357-1371. https://doi.org/10.1007/s40840-019-00744-6	Hyers–Ulam stability for quantum equations, Douglas R. Anderson and Masakazu Onitsuka, Aequationes mathematicae, vol. 95, pages201–214 (2021)	0.670 (2021)	1420-8903	2021
12	Baias, A.R., Popa, D.: On Ulam stability of a linear difference equation in Banach spaces. Bull. Malays. Math. Sci. Soc., 43 (2) (2020), pp. 1357-1371. https://doi.org/10.1007/s40840-019-00744-6	Semi-Hyers–Ulam–Rassias Stability of the Convection Partial Differential Equation via Laplace Transform, Mathematics, Daniela Marian, Volume 9 Issue 22 10.3390/math9222980	0.634 (2021)	2227-7390	2021

13	Baias, A.R., Popa, D.: On Ulam stability of a linear difference equation in Banach spaces. Bull. Malays. Math. Sci. Soc., 43 (2) (2020), pp. 1357-1371. https://doi.org/10.1007/s40840-019-00744-6	Hyers–Ulam Stability for Cayley Quantum Equations and Its Application to h-Difference Equations Douglas R. Anderson and Masakazu Onitsuka Mediterranean Journal of Mathematics volume 18, Article number: 168 (2021)	0.843 (2021)	1660-5454	2021
14	Baias, A.R., Popa, D.: On Ulam stability of a linear difference equation in Banach spaces. Bull. Malays. Math. Sci. Soc., 43 (2) (2020), pp. 1357-1371. https://doi.org/10.1007/s40840-019-00744-6	Asymptotic behavior of solutions to difference equations in Banach spaces, Janusz Migda, Electronic Journal of Qualitative Theory of Differential Equations 2021, No. 88, 1–17: https://doi.org/10.14232/ejotde.2021.1.88	0.743 (2020)	1417-3875	2021
15	A.B. Baias, F. Blaga, D. Popa: Best Ulam constant for a linear difference equation, Carpath. J. Math., 35 (1) (2019), pp. 13-22	Best constant for Hyers–Ulam stability of two step sizes linear difference equations, Douglas R. Anderson and Masakazu Onitsuka, Journal of Mathematical Analysis and Applications Volume 496, Issue 2, (2021), 124807	1.118 (2020)	1096-0813	2021
16	A.B. Baias, F. Blaga, D. Popa: Best Ulam constant for a linear difference equation, Carpath. J. Math., 35 (1) (2019), pp. 13-22	Instability of second-order nonhomogeneous linear difference equations with real-valued coefficients MASAKAZU ONITSUKA, CARPATHIAN J. MATH. Volume 37 (2021), No. 3, Pages 489 - 495	0.664 (2020)	1584-2851	2021
17	A.B. Baias, D. Popa: On the best Ulam constant of the second order linear differential operator Rev. R. Acad. Cienc. Exactas Fis. Nat., Ser. A Mat., 114 (1) (2020), Article 23, 15 pp.	Hyers—Ulam Stability of Second-Order Linear Dynamic Equations on Time Scales Douglas R. Anderson & Masakazu Onitsuka Acta Mathematica Scientia volume 41, pages 1809–1826 (2021)	0.628 (2021)	1572-9087	2021
18	A.B. Baias, D. Popa: On the best Ulam constant of the second order linear differential operator Rev. R. Acad. Cienc. Exactas Fis. Nat., Ser. A Mat., 114 (1) (2020), Article 23, 15 pp.	Instability of second-order nonhomogeneous linear difference equations with real-valued coefficients MASAKAZU ONITSUKA, CARPATHIAN J. MATH. Volume 37 (2021), No. 3, Pages 489 - 495	0.664 (2020)	1584-2851	2021
19	Baias, A.-R., Popa, D.: On the best Ulam constant of a higher order linear difference equation. Bull. Sci. Math. 166, 102928 (2021). https://doi.org/10.1016/j.bulsci.2020.102928	Ulam stability for nonautonomous quantum equations Douglas R. Anderson & Masakazu Onitsuka Journal of Inequalities and Applications volume 2021, Article number: 161 (2021)	0.634 (2020)	1029-242X	2021

20	Baias, A.-R., Popa, D.: On the best Ulam constant of a higher order linear difference equation. Bull. Sci. Math. 166, 102928 (2021). https://doi.org/10.1016/j.bulsci.2020.102928	Instability of second-order nonhomogeneous linear difference equations with real-valued coefficients MASAKAZU ONITSUKA, CARPATHIAN J. MATH. Volume 37 (2021), No. 3, Pages 489 - 495	0.664 (2020)	1584-2851	2021
21	A.R. Baias, D. Popa On Ulam stability of a third order linear difference equation in Banach spaces Aequ. Math. (2020), 10.1007/s00010-020-00722-5	On the Hyers–Ulam stability of certain nonautonomous and nonlinear difference equations Davor Dragičević, Aequationes mathematicae, vol. 95, pag. 829–840 (2021)	0.670 (2021)	0001-9054	2021
22	A.R. Baias, D. Popa On Ulam stability of a third order linear difference equation in Banach spaces Aequ. Math. (2020), 10.1007/s00010-020-00722-5	Ulam stability for nonautonomous quantum equations Douglas R. Anderson & Masakazu Onitsuka Journal of Inequalities and Applications volume 2021, Article number: 161 (2021)	0.634 (2020)	1029-242X	2021
23	Baias, A.-R., Moşneguţu, B., Popa, D.: Set-valued solutions of a generalized quadratic functional equation. Results Math. 73(4), 129 (2018)	An extension of the Rådström cancellation theorem to cornets Gábor M. Molnár & Zsolt Páles Semigroup Forum volume 102, pages 765–793 (2021)	0.657 (2021)	1432-2137	2021
24	Baias, A.-R., Blaga, F., Popa, D.: On the best Ulam constant of a first order linear difference equation in Banach spaces. Acta Math. Hung. 163, 563–575 (2021). https://doi.org/10.1007/s10474-020-01098-3	On the Hyers–Ulam stability of certain nonautonomous and nonlinear difference equations Davor Dragičević, Aequationes mathematicae, vol. 95, pag. 829–840 (2021)	0.670 (2021)	0001-9054	2021

25	Baias A.R., Popa, D., Raşa, I.: Ulam stability of a successive approximation equation. J. Fixed Point Theory Appl. 22, Paper No. 41 (2020)	On the Generalized Hyers–Ulam Stability of a Functional Equation and Its Consequences Krzysztof Ciepliński Results in Mathematics volume 76, Article number: 60 (2021)	1.034 (2021)	1422-6383	2021
26	Baias A.R., Popa, D., Raşa, I.: Ulam stability of a successive approximation equation. J. Fixed Point Theory Appl. 22, Paper No. 41 (2020)	Ulam stability for nonautonomous quantum equations Douglas R. Anderson & Masakazu Onitsuka Journal of Inequalities and Applications volume 2021, Article number: 161 (2021)	0.634 (2020)	1029-242X	2021
27	Baias A.R., Popa, D., Raşa, I.: Ulam stability of a successive approximation equation. J. Fixed Point Theory Appl. 22, Paper No. 41 (2020)	Ulam stability of functional equations in 2-Banach spaces via the fixed point method, Krzysztof Ciepliński Journal of Fixed Point Theory and Applications vol. 23, Article number: 33 (2021)	1.068 (2021)	1661-7738	2021
28	Baias, A.R., Popa, D.: On Ulam stability of a linear difference equation in Banach spaces. Bull. Malays. Math. Sci. Soc., 43 (2) (2020), pp. 1357–1371. https://doi.org/10.1007/s40840-019-00744-6	Hyers–Ulam Stability and Best Constant for Cayley h-Difference Equations, Douglas R. Anderson and Masakazu Onitsuka, Bulletin of the Malaysian Mathematical Sciences Society volume 43, pages 4207–4222 (2020)	0.682 (2021)	2180-4206	2020
29	A.B. Baias, F. Blaga, D. Popa: Best Ulam constant for a linear difference equation, Carpath. J. Math., 35 (1) (2019), pp. 13–22	Best constant for Ulam stability of Hill's equations, Fukutaka Masakazu Onitsuka, Bulletin des Sciences Mathématiques, Volume 163, October (2020), 102888	2.146 (2017)	1952-4773	2020
30	A.B. Baias, D. Popa: On the best Ulam constant of the second order linear differential operator Rev. R. Acad. Cienc. Exactas Fis. Nat., Ser. A Mat., 114 (1) (2020), Article 23, 15 pp.	Best constant for Ulam stability of Hill's equations, Fukutaka Masakazu Onitsuka, Bulletin des Sciences Mathématiques, Volume 163, October (2020), 102888	2.146 (2017)	1952-4773	2020
31	Baias, A.R., Moşneguţu, B., Popa, D.: Set-valued solutions of a generalized quadratic functional equation. Results Math. 73(4), 129 (2018)	On Set-Valued Solutions of a Generalized Bi-quadratic Functional Equation Iz-iddine EL-Fassi, El-Sayed El-Hady & Kazimierz Nikodem Results in Mathematics volume 75, Article number: 89 (2020)	1.034 (2021)	1422-6383	2020
32	Baias, A.R., Popa, D.: On Ulam stability of a linear difference equation in Banach spaces. Bull. Malays. Math. Sci. Soc., 43 (2) (2020), pp. 1357–1371. https://doi.org/10.1007/s40840-019-00744-6	Hyers-Ulam Stability for Linear Differences with Time Dependent and Periodic Coefficients: Constantin Buşe, Donal O'Regan and Olivia Sailerli, Symmetry 2019, 11(4), 512; https://doi.org/10.3390/sym11040512	0.801 (2017)	2073-8994	2019

33	Baias, A.R., Popa, D.: On Ulam stability of a linear difference equation in Banach spaces. Bull. Malays. Math. Sci. Soc., 43 (2) (2020), pp. 1357-1371. https://doi.org/10.1007/s40840-019-00744-6	Best constant for Hyers–Ulam stability of second-order h-difference equations with constant coefficients DR Anderson, M Onitsuka -Results Math., 74, 151 (2019), https://doi.org/10.1007/s00025-019-10777-9 -	1.034 (2021)	1420-9012	2019
34	Boş, R.I., Frăţean (Baiaş), A.R.: Looking for appropriate qualification conditions for subdifferential formulae and dual representations for convex risk measures. Math. Methods Oper. Res. 74(2), 191–215 (2011)	A primal–dual operation on sets linked with closed convex relaxation processes M. Volle , TOP vol. 20, pag. 534–546 (2012)	0.786 (2020)	1863-8279	2012