Autorul tezei de abilitare: Cristina FLAUT
Titlul tezei de abilitare: *Contributions to the study of algebras obtained by the Cayley Dickson process and some of their applications*
Domeniul: Matematica

Fișa de verificare a îndeplinirii standardelor minimale

ARTICOLE IN REVISTE ISI CU FACTOR DE IMPACT MAI MARE SAU EGAL CU 0.5

ARTICOL	Factor de impact 2014	Factor de impact/nr de autori
1. A. Borumand Saeid, H. Fatemidokht, C. Flaut and M. Kuchaki Rafsanjani, *On Codes based on BCK-algebras*, J. Intell. Fuzzy Syst, 29(5), 2133-2137 **DOI:** 10.3233/IFS-151688 http://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs1688?resultNumber=21&totalResults=22&start=20&q=borumand+Saeid&resultsPageSize=10&rows=10 http://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs1688	**1.812**	**0.453**
2. Cristina Flaut, Diana Savin, Quaternion Algebras and Generalized Fibonacci-Lucas Quaternions, Adv. Appl. Clifford Algebras, 25(4)(2015), 853-862. DOI: 10.1007/s00006-015-0542-0, http://link.springer.com/article/10.1007/s00006-015-0542-0	**0.568**	**0.284**
3. Cristina Flaut, *Codes over a subset of Octonion Integers*, Results Math., 68(3)(2015), 348-359, http://link.springer.com/article/10.1007/s00025-015-0442-6 DOI: 10.1007/s00025-015-0442-6 http://link.springer.com/article/10.1007/s00025-015-0442-6	**0.864**	**0.864**
4. Cristina Flaut, *BCK-algebras arising from block codes*, J. Intell. Fuzzy Syst., 28(4)(2015), 1829-1833, DOI: 10.3233/IFS-141469 http://iospress.metapress.com/content/777358024t204010/?p=de0eec4ff5c0435fb6ebd3644b015eed&pi=31 http://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs1469	**1.812**	**1.812**
5. Cristina Flaut, *A Clifford algebra associated to generalized Fibonacci quaternions,* Adv. Differ. Equ.-NY, 2014:279, p.1-7. DOI: 10.1186/1687-1847-2014-279 http://www.advancesindifferenceequations.com/content/pdf/1687-1847-2014-279.pdf	**0.64**	**0.64**
6. Cristina Flaut and Vitalii Shpakivskyi*, An Efficient Method for Solving Equations in Generalized Quaternion and Octonion Algebras*, Adv. Appl. Clifford Algebras, 25(2)(2015), 337-350. DOI: 10.1007/s00006-014-0493-x http://link.springer.com/article/10.1007/s00006-014-0493-x	**0.568**	**0.284**
7. Cristina Flaut and Diana Savin, *Some examples of division symbol algebras of degree 3 and 5*, Carpathian J. Math, **31(2)(2015),** 197-204, http://carpathian.ubm.ro/issues/abs_cjm_31_2_197-204.pdf	**0.792**	**0.396**
8. Cristina Flaut and Vitalii Shpakivskyi*, Holomorphic functions in generalized Cayley-Dickson algebras*, Adv. Appl. Clifford Algebras, **25(1)(2015),** 95-112. http://link.springer.com/article/10.1007/s00006-014-0479-8	**0.568**	**0.284**
9. Cristina Flaut and Vitalii Shpakivskyi, *Some identities in algebras obtained by the Cayley-Dickson process*, Adv. Appl. Clifford Algebras, **23(1)**(2013), 63-76. DOI: 10.1007/s00006-012-0344-6	**0.568**	**0.284**

http://link.springer.com/article/10.1007/s00006-012-0344-6		
10. Cristina Flaut and Vitalii Shpakivskyi, *On Generalized Fibonacci Quaternions and Fibonacci-Narayana Quaternions*, Adv. Appl. Clifford Algebras, 23(3)(2013), 673-688. DOI: 10.1007/s00006-013-0388-2 http://link.springer.com/article/10.1007/s00006-013-0388-2	**0.568**	**0.284**
11. Cristina Flaut and Vitalii Shpakivskyi, *Real matrix representations for the complex quaternions*, Adv. Appl. Clifford Algebras, **23(3)**(2013), 657-671. DOI: 10.1007/s00006-013-0387-3 http://link.springer.com/article/10.1007/s00006-013-0387-3	**0.568**	**0.284**
12.Cristina Flaut, *Levels and sublevels of algebras obtained by the Cayley–Dickson process,* Ann. Mat. Pura Appl., 192(6)(2013), 1099-1114, ISSN 0373-3114. DOI: 10.1007/s10231-012-0260-3, http://link.springer.com/article/10.1007/s10231-012-0260-3	**1.065**	**1.065**
13. Cristina Flaut, Mirela Stefanescu, *Some equations over generalized quaternion and octonion division algebras,* Bull. Math. Soc. Sci. Math. Roumanie, 52(4)(100)(2009), 427-439	**0.521**	**0.2605**
14. Diana Savin, Cristina Flaut, Camelia Ciobanu, *Some properties of the symbol algebras,* Carpathian Journal of Mathematics, 25(2)(2009), p. 239-245, 190.	**0.792**	**0.264**
TOTAL	**---------**	**7.4585**

$I_{total} = I_{recent} = 7.4585$

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1. Vitalii S. Shpakivskyi, *Linear Quaternionic Equations and Their Systems*, Adv. Appl. Clifford Algebras, 21(2011), 637–645. DOI 10.1007/s00006-010-0264-2.	**2014 IF=0.568**
Cristina Flaut, *Divison algebras with dimension 2^t, t in N,* Analele Stiintifice ale Universitatii "Ovidius" Constanta, Seria Matematica, 13(2)(2006), 31-38, CITAT IN	
2. Garibaldi, S., Petersson, H.P., *Wild Pfister forms over Henselian fields, K-theory, and conic division algebras,* J. Algebra, 327(1)(2011), 386-465.	**2014 IF=0.599**
Diana Savin, Cristina Flaut, Camelia Ciobanu, *Some properties of the symbol algebras,* Carpathian Journal of Mathematics, 25(2)(2009), 239-245, CITAT IN	
3. M Akyiğit, HH Kösal, M Tosun, *Fibonacci Generalized Quaternions,* - Advances in Applied Clifford Algebras, 24(3)(2014), 631-641 – Springer, 2014,IF-2012=0.583, http://link.springer.com/article/10.1007%2Fs00006-014-0458-0	**2014 IF=0.568**
4. Diana Savin, Some properties of Fibonacci numbers, Fibonacci octonions, and generalized Fibonacci-Lucas octonions, *Advances in Difference Equations* 2015, **2015**:298, DOI 10.1186/s13662-015-0627-z , 1-10,	**2014 IF=0.64**

http://www.advancesindifferenceequations.com/content/pdf/s13662-015-0627-z.pdf	
5. Diana Savin , About division quaternion algebras and division symbol algebras, accepted in Carpathian J. Math, 2016, f2	**2014 IF= 0.792**
Cristina Flaut and Vitalii Shpakivskyi, *On Generalized Fibonacci Quaternions and Fibonacci-Narayana Quaternions* Adv. Appl. Clifford Algebras, 23(3)**(2013), 673-688, CITAT IN**	
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7. Mahmut Akyiğit, Hidayet Hüda Kösal, Murat Tosun, Fibonacci Generalized Quaternions, Adv. Appl. Clifford Algebras , 24(3)(2014), 631-641 , http://link.springer.com/article/10.1007%2Fs00006-014-0458-0,	**2014 IF=0.568**
8. Ilker Akkus, Osman Keçilioğlu, Split Fibonacci and Lucas Octonions, Advances in Applied Clifford Algebras, 2014, http://link.springer.com/article/10.1007/s00006-014-0515-8 .	**2014 IF=0.568**
9. İlkay Arslan Güven, Semra Kaya Nurkan, A New Approach To Fibonacci, Lucas Numbers and Dual Vectors, http://link.springer.com/article/10.1007/s00006-014-0516-7 Advances in Applied Clifford Algebras, 2014	**2014 IF=0.568**
10. Emrah Polatli, Seyhun Kesim, *On quaternions with generalized Fibonacci and Lucas number components, Advances in Difference Equations* (2015) 2015:169 DOI 10.1186/s13662-015-0511-x, http://link.springer.com/article/10.1186/s13662-015-0511-x#page-1	**2014 IF=0.64**
11. Cennet Bolat Çimen, Ahmet İpek, *On Pell Quaternions and Pell-Lucas Quaternions*, Advances in Applied Clifford Algebras, 2015, http://link.springer.com/article/10.1007/s00006-015-0571-8 , DOI 10.1007/s00006-015-0571-8,	**2014 IF=0.568**
12. Jose L. Ramırez**,** *Hessenberg Matrices and the Generalized Fibonacci-Narayana Sequence,* Filomat, 29(7)(2015), 1557–1563, DOI 10.2298/FIL1507557R, http://www.doiserbia.nb.rs/img/doi/0354-5180/2015/0354-51801507557R.pdf	**2014 IF=0.638**
13. Emrah Polatli, Can Kizilates, Seyhun Kesim, *On Split* k *–Fibonacci and* k *–Lucas Quaternions*, Advances in Applied Clifford Algebras, 2015, IF-2013-0.568, http://link.springer.com/article/10.1007/s00006-015-0591-4	**2014 IF=0.568**
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15. Paula Catarino, *The* ***h(x)*** *-Fibonacci Quaternion Polynomials: Some Combinatorial Properties*, p. 1-9, Advances in Applied Clifford Algebras, 2015 **http://link.springer.com/article/10.1007/s00006-015-0606-1**	**2014 IF=0.568**

16. Paula Catarino, *The Modified Pell and the Modified* k*-Pell Quaternions and Octonions*, Advances in Applied Clifford Algebras, 2015, **1-14** **http://link.springer.com/article/10.1007/s00006-015-0611-4**	**2014 IF=0.568**
17. *Elif Tan, Semih Yilmaz, Murat Sahin,* On a new generalization of Fibonacci quaternions. *Chaos, Solitons & Fractals*. 1. Volume: 82(2016), 1-4, http://www.sciencedirect.com/science/article/pii/S0960077915003318 doi:10.1016/j.chaos.2015.10.021	**2014 IF=1.448**
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18. Youngkwon Song, Doohann Lee, *Vector generators of the real Clifford algebras*, Linear and Multilinear Algebra(Linear Multilinear A), http://www.tandfonline.com/doi/abs/10.1080/03081087.2015.1018812#.VPXhzKb9ly0	**2014 IF=0.738**
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20. Youngkwon Song, Doohann Lee, *A Construction of Matrix Representation of Clifford Algebras*, http://link.springer.com/article/10.1007/s00006-014-0521-x , Advances in Applied Clifford Algebras, 2014	**2014 IF=0.568**
21. Ivan Kyrchei, The Column and Row Immanants Over A Split Quaternion Algebra, http://link.springer.com/article/10.1007/s00006-014-0517-6#, Advances in Applied Clifford Algebras, 2014,	**2014 IF=0.568**
Cristina Flaut and Vitalii Shpakivskyi, *An Efficient Method for Solving Equations in Generalized Quaternion and Octonion Algebras*, Adv. Appl. Clifford Algebras, 25(2)(2015), 337-350. DOI: 10.1007/s00006-014-0493-x **http://link.springer.com/article/10.1007/s00006-014-0493-x , CITAT IN**	
22. Artyom V. Astashenok, Salvatore Capozziello, Sergei D. Odintsov, *Extreme neutron stars from Extended Theories of Gravity*, Journal of Cosmology and Astroparticle Physics, 2015(1), January 2015,1-22, doi:10.1088/1475-7516/2015/01/001	**2014 IF=5.810**
23. Diana Savin, Some properties of Fibonacci numbers, Fibonacci octonions, and generalized Fibonacci-Lucas octonions, *Advances in Difference Equations* 2015, **2015**:298, DOI 10.1186/s13662-015-0627-z , 1-10, http://www.advancesindifferenceequations.com/content/pdf/s13662-015-0627-z.pdf	**2014 IF=0.64**
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26. Serpil Halici, On Dual Fibonacci Octonions, Advances in Applied Clifford Algebras, 2015, http://link.springer.com/article/10.1007/s00006-015-0550-0	**2014 IF=0.568**
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28. Diana Savin , About division quaternion algebras and division symbol algebras, accepted in Carpathian J. Math, 2016, f2	**2014 IF= 0.792**
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31. Diana Savin , About division quaternion algebras and division symbol algebras, accepted in Carpathian J. Math, 2016, f2	**2014 IF= 0.792**
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32. Diana Savin, Some properties of Fibonacci numbers, Fibonacci octonions, and generalized Fibonacci-Lucas octonions, *Advances in Difference Equations* 2015, **2015**:298, DOI 10.1186/s13662-015-0627-z , 1-10, http://www.advancesindifferenceequations.com/content/pdf/s13662-015-0627-z.pdf	**2014 IF=0.64**