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STUDII

- 1) Colegiul National Emil Botta, Adjud, judetul Vrancea, absolvit in 1986.
- 2) Facultatea de Matematica, Universitatea din Bucuresti, absolvita in 1990.
- 3) Doctor in Matematica, Universitatea Ovidius din Constanta, teza sustinuta pe 13 Iulie 2002.
Titlul: *Some properties of nonassociative algebras*. (OM. 4900/11.11.2002)
- 4) **Abilitare (conducere de doctorat) obtinuta prin OM-3965/07.06.2016, cu teza de abilitare**
Contributions to the study of algebras obtained by the Cayley Dickson process and some of their applications sustinuta in 25 Martie 2016, la Universitatea Transilvania din Brasov,
<http://www.unitbv.ro/mi/CercetareStiintifica/Abilitari/Abil.CristinaFlaut.aspx>
<http://www.unitbv.ro/doctorat/Abilitare/Tezedeabilitare.aspx>
<http://www.unitbv.ro/Portals/31/Abilitare/Teze/CV/01-Flaut-%20CV%20RO.pdf>
<http://www.unitbv.ro/Portals/31/Abilitare/Teze/Lista%20lucrari/02-Flaut-Lista%20de%20lucrari%20RO.pdf>
<http://www.unitbv.ro/Portals/31/Abilitare/Teze/Standarde/03-Flaut-TABEL-Standarde%20minimale%20pentru.pdf>
- 5) **Evaluator ARACIS in domeniul Informatica, incepand cu iunie 2016,**
http://pfe.aracis.ro/inscriere/registru/lista_c/1/0/a/html/
http://pfe.aracis.ro/inscriere/registru/lista_c_d/1/4/
<http://pfe.aracis.ro/inscriere/registru/evaluator/3178/>

Experienta dobandita

- 1984-Locul 2 la Olimpiada de Matematica, faza judeteana, judetul Vrancea, si reprezentant al judetului la Olimpiada Nationala de Matematica, Piatra-Neamt, 1984.
- 1990-1991 –Profesor la Liceul “Mihai Eminescu”, Constanta, (prin repartitie guvernamentala).
- 1991-1993- Preparator la Facultatea de Matematica si Informatica, Universitatea Ovidius din Constanta.
- 1993-2001- Asistent la Facultatea de Matematica si Informatica, Universitatea Ovidius din Constanta.
- 2001- 2013 – Lector la Facultatea de Matematica si Informatica, Universitatea Ovidius din Constanta.
- 2013-2020 Conferentiar la Facultatea de Matematica si Informatica, Universitatea Ovidius din Constanta.
- 2020- Profesor universitar la Facultatea de Matematica si Informatica, Universitatea Ovidius din Constanta.
- 2018- Membru in Comisia pentru evaluare internă și asigurarea calității, CEAC-ISD;
<https://univ-ovidius.ro/educatie/doctorat>
- 2016- Membru in colectivul stiintific al Editurii Ovidius University Press, <https://editura.univ-ovidius.ro/despre-noi/consiliul-stiintific/>
- 2001-2009- Director Administrativ al Facultatii de Matematica si Informatica, Universitatea Ovidius din Constanta.
- 2004-2008- membru in Consiliul Facultatii de Matematica si Informatica, Universitatea Ovidius din Constanta.
- 2003-2009 - **Editor Manager al revistei Analele Univ. Ovidius., Math. Series**, revista ISI incepand cu anul 2008 (Factorul de Impact in 2015 este IF=0.383).
<http://www.emis.de/journals/ASUO/mathematics/pdf14/coperta1.pdf>
<http://www.anstuocmath.ro/mathematics/pdf17/coperta1.pdf>
<http://emis.kaist.ac.kr/journals/ASUO/editorial-board.html>
- 2012-2013 **Editor Sef adjunct al revistei Analele Univ. Ovidius., Math. Series**, revista ISI incepand cu anul 2008 (Factorul de Impact in 2015 este IF=0.383).
<http://www.anstuocmath.ro/editorial-board>
- Din Aprilie 2013- **Editor Sef al revistei Analele Univ. Ovidius., Math. Series**, revista ISI incepand cu anul 2008 (Factorul de Impact in 2020 este IF=1.045). <http://www.anstuocmath.ro/editorial-board>
(revista premiata in 2015, 2016, 2017, 2018 de catre Conducerea Universitatii Ovidius din Constanta, <http://observator.ro/cultura-invataman-gala-cercetarii-de-performanta-si-a-colectivelor-editoriale-ale-revistelor-de-top-din-universitatea-ovidius-constant-370729.html> ,
<http://www.telegrafonline.ro/cine-sunt-profesorii-premiati-la-universitatea-ovidius> ,
<http://www.telegrafonline.ro/and-8221ovidius-and-8221and-537ia-premiat-cei-mai-buni-cercetatori-din-2014>
)
- 1 Martie 2012-2 Mai 2012 – Decan interimar al Facultatii de Matematica si Informatica, Universitatea Ovidius din Constanta.
- 2 Mai 2012-2 Mai 2016 – Prodecan al Facultatii de Matematica si Informatica, Universitatea Ovidius din Constanta.
- 6 Martie 2015-Poster in Women in Mat
<https://www.facebook.com/womeninmaths/photos/a.1573991886146983.1073741828.1549304821949023/1583409545205217/?type=1&theater>

-2012-2015-Membru in Comisia Permanenta a Senatului Universitatii Ovidius din Constanta pentru Invatamant si Formare Continua

-2015-2016-Presedinte al Comisiei Permanente a Senatului Universitatii Ovidius din Constanta pentru Invatamant si Formare Continua

-25 Martie 2016- Premiul pentru Cel mai Bun Cercetator al Facultatii de Matematica si Informatica, Universitatea Ovidius din Constanta din anul 2015 (<http://observator.ro/cultura-invatamant-gala-cercetarii-de-performanta-si-a-colectivelor-editoriale-ale-revistelor-de-top-din-universitatea-ovidius-constant-370729.html> , <http://www.telegrafonline.ro/cine-sunt-profesorii-premiati-la-universitatea-ovidius>

<https://www.facebook.com/daniel.flaut/posts/901278503326515>

<https://www.facebook.com/daniel.flaut>

<http://observator.ro/invatamant-performanta-este-premiata-la-universitatea-ovidius-constant-370868.html>

<http://observator.ro/cultura-invatamant-gala-in-premiaera-dedicata-cercetarii-la-ovidius-300234.html>

- 25 Martie 2016- Premiul pentru Cel mai Bun Cercetator al Universitatii Ovidius din Constanta din anul 2015 (<http://observator.ro/cultura-invatamant-gala-cercetarii-de-performanta-si-a-colectivelor-editoriale-ale-revistelor-de-top-din-universitatea-ovidius-constant-370729.html>

<http://www.telegrafonline.ro/cine-sunt-profesorii-premiati-la-universitatea-ovidius>

<https://www.facebook.com/daniel.flaut/posts/901278503326515>

<https://www.facebook.com/daniel.flaut>

<http://observator.ro/invatamant-performanta-este-premiata-la-universitatea-ovidius-constant-370868.html>

<http://observator.ro/cultura-invatamant-gala-in-premiaera-dedicata-cercetarii-la-ovidius-300234.html>

-6 Martie 2015-Poster in Women in Mat

<https://www.facebook.com/womeninmaths/photos/a.1573991886146983.1073741828.1549304821949023/1583409545205217/?type=1&theater>

-2013-Diploma de excelenta a Colegiului National "Emil Botta"

Adjud, Vrancea, cu ocazia aniversarii a 60 de ani de existenta a Colegiului.

http://www.monitorulvn.ro/articole/galerie-foto--liceul-emil-botta-din-adjud-si-arasplatit-sus-inatorii_2_155026.html

<http://www.ziare.com/focsani/stiri-actualitate/liceul-teoretic-emil-botta-decorat-cuordinul-dimitrie-gusti-4310402>

-24 Martie 2020- Premiul pentru Cel mai Bun Cercetator al Facultatii de Matematica si Informatica, Universitatea Ovidius din Constanta din anul 2019

-24 Martie 2020- Premiul pentru Cel mai Bun Cercetator al Universitatii Ovidius din Constanta din anul 2019, https://univ-ovidius.ro/images/-docs/decizii/ca/219.HCA_2020.03.24_259-275.pdf

- Martie 2023- Premiul pentru Cel mai Bun Cercetator al Facultatii de Matematica si Informatica, Universitatea Ovidius din Constanta din anul 2022

Martie 2024- Premiul pentru Cel mai Bun Cercetator al Facultatii de Matematica si Informatica, Universitatea Ovidius din Constanta din anul 2023

GRANTURI-DIRECTOR

- 1) 2022- Grant pt revista **Analele Stiintifice ale UOC, seria Matematica**, acordat de MCID (46.416 lei), https://www.research.gov.ro/uploads/subventionare-literatura-ts/2022/anexa-la-nota-mcid-nr-450861_03-08-2022.pdf
- 2) 2019-Grant pt revista **Analele Stiintifice ale UOC, seria Matematica**, acordat de MCI (17.703 lei), <http://www.research.gov.ro/uploads/subventionare-literatura-ts/2019/skm-bizhubc19112611370-m.pdf>
- 3) 2018-Grant pt revista **Analele Stiintifice ale UOC, seria Matematica, L16/2018** acordat de MCI (20.036 lei), <http://www.research.gov.ro/uploads/subventionare-literatura-ts/2018/rezultate-evaluare/skm-bizhubc18112709220-m.pdf>
- 4) 2017-Grant pt revista **Analele Stiintifice ale UOC, seria Matematica, L13/2017** acordat de MCI (25.872 lei), <http://www.research.gov.ro/uploads/subventionare-literatura-ts/2017/lista-cartilor-si-revistelor-subventionate-in-anul-2017-m.pdf>
- 5) 2016- ANCSI-LIT-TH-ST-2016-0020(26.100 lei cu **punctaj maxim 10**), <http://www.research.ro/uploads/subventionare-literatura-ts/2016/skm-bizhubc16121210461.pdf> , <http://www.research.ro/ro/articol/4199/despre-ancsi-comunicare-s-au-afisat-rezultatele-evaluarii-competitiei-2016-pentru-subven-ionarea-literaturii-tehnico-tiin-ifice>
- 6) 2013 - Director grant: PN-II-ID-WE-2012-4-169- grant CNCS **pentru finantarea Workshop-ului Exploratoriu A new approach in theoretical and applied methods in algebra and analysis, 4-6 Aprilie 2013.** (aprox. 17.000 lei) Workshop organizat in colaborare cu:

Institute of Mathematics of the National Academy of Sciences of Ukraine,
Centre for Systems and Information Technologies, University of Nova Gorica, Slovenia,
Facultatea de Matematica si Informatica, Universitatea din Bucuresti,
Institutul de Matematica al Academiei Romane.
<http://amaa-2013.wikispaces.com/home>
<http://math.univ-ovidius.ro/default.aspx?cat=Evenimente>

Membru in granturile:

-Proiect POSDRU/157/1.3/S/141587, „Rețea de formare continuă a cadrelor didactice pentru a utiliza multimedia, instrumentația virtuală și web 2.0 în aria curriculară Matematică și științe ale naturii (ProWeb)”, valoare totală 5.845.359,05 RON, profesor formator al disciplinei Fundamente psihopedagogice ale utilizării TIC în formarea continuă a cadrelor didactice din aria curriculară Matematică și științe ale naturii <http://www.univ-ovidius.ro/images/pdf/comunicate-de-presa/Comunicat%20de%20presa%20-%200374.pdf>

-*Sistem pentru detecție, localizare, urmărire și identificare a factorilor de risc la adresa obiectivelor de importanță strategică din zone de litoral – SSSNOC*”,
Cod depunere PN-II-PT-PCCA 2013-4-0377, Domeniul 8 – Spațiu și securitate, Instituția coordonatoare: Centrul de Cercetare Științifică pentru Forțele Navale. Parteneri: Oceanografica SRL; Unitatea Militară 02133; Eltex Echipamente Electronice Industriale S.R.L.; General Conf Grup S.R.L.; Universitatea “Ovidius”.
Durata proiectului: 1 iulie 2014-30 septembrie 2017,

(http://uefiscdi.gov.ro/userfiles/file/PARTENERIATE/Competitie%202013/Proiecte%20Finantate/D8_Spatiu.pdf)

-Workshop on Algebraic and Analytic Number Theory and Their Applications, CNCSIS-PN-II-ID-WE-2012-4-161, 20120 ron, 23-24 mai 2013, PN-II-ID-WE-2012-4-161,
([http://math.univovidius.ro/Workshop/2013/Number- Theory/](http://math.univovidius.ro/Workshop/2013/Number-Theory/))

-UNESCO-UNITWIN OCW/OER Initiative, Handong Global University, South Korea, 1 April 2012-10 November 2012, April 2013-December 2013, January 2014-July 2014.
<http://www.uuooi.org/english/index.php?c=21&sid=4ea2c599d80acf65520ef98e32e76ca1>
<http://www.uuooi.org/english/viewtopic.php?t=425>

-UNESCO-UNITWIN OCW/OER Initiative, Handong Global University, South Korea, 1 October 2011-20 January 2012.
<http://www.uuooi.org/english/index.php?c=21&sid=4ea2c599d80acf65520ef98e32e76ca1>
<http://www.uuooi.org/english/viewtopic.php?t=425>

-UNESCO-UNITWIN OCW/OER Initiative, Handong Global University, South Korea, 1 September 2013- 31 March 2014.
<http://www.uuooi.org/english/index.php?c=21&sid=4ea2c599d80acf65520ef98e32e76ca1>
<http://www.uuooi.org/english/viewtopic.php?t=425>

-UNESCO-UNITWIN OCW/OER Initiative, Handong Global University, South Korea, 1 April 2012-10 November 2012.
<http://www.uuooi.org/english/index.php?c=21&sid=4ea2c599d80acf65520ef98e32e76ca1>
<http://www.uuooi.org/english/viewtopic.php?t=425>

-UNESCO-UNITWIN OCW/OER Initiative, Handong Global University, South Korea, 1 October 2011-20 January 2012.
<http://www.uuooi.org/english/index.php?c=21&sid=4ea2c599d80acf65520ef98e32e76ca1>
<http://www.uuooi.org/english/viewtopic.php?t=425>
http://cordis.europa.eu/fetch?CALLER=PROJ_ICT_TEMP&ACTION=D&DOC=7&CAT=PROJ&QUERY=012f5ec02eaf:4ca1:7ab0306c&RCN=72079

PREMIEREA REZULTATELOR CERCETARII (UEFISCDI)

1. PN-II-RU-PRECISI-2013-7-4123, **Cristina Flaut** , *Levels and sublevels of algebras obtained by the Cayley–Dickson process*, ANN MAT PUR APPL, http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202013/LISTA%204%20REFACUTA%20REZULTATE.pdf (List 4 , position 2458, **zona rosie**).
2. PN-II- RU-PRECISI-2014-8-6330 pentru articolul **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>

http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202014/LISTA%203%20REZULTATE.pdf (list 3 from 9 December 2014, p. 54, position 2010, **zona galbena**)

3. PN-II-RU-PRECISI-2015-9-9219, pentru articolul **Cristina Flaut**, *BCK-algebras arising from block codes*, J. Intell. Fuzzy Syst., 28(4)(2015), 1829-1833, DOI: 10.3233/IFS-141469, <http://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs1469> [http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202015/REZULTATE/Rezultate%20evaluare_lista%20_20.11.2015\(1\).pdf](http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202015/REZULTATE/Rezultate%20evaluare_lista%20_20.11.2015(1).pdf) , Rezultate-Lista 2, poz 707, **zona galbena**.
4. PN-II-RU-PRECISI-2015-9-9240, pentru articolul **Cristina Flaut**, *Codes over a subset of Octonion Integers*, Results Math., 68(3)(2015), 348-359, DOI: 10.1007/s00025-015-0442-6, [http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202015/REZULTATE/Rezultate%20evaluare_lista%20_20.11.2015\(1\).pdf](http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202015/REZULTATE/Rezultate%20evaluare_lista%20_20.11.2015(1).pdf) , Rezultate-Lista 2, poz 728, , **zona rosie**
5. PN-II-RU-PRECISI-2015-9-9303, pentru articolul **Cristina Flaut**, 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 , [http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202015/REZULTATE/Rezultate%20evaluare_lista%20_20.11.2015\(1\).pdf](http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202015/REZULTATE/Rezultate%20evaluare_lista%20_20.11.2015(1).pdf) , Rezultate-Lista 2, poz 791, **zona galbena**.
6. PN-II-RU-PRECISI-2015-9-10420 pentru articolul A. Borumand Saeid, H. Fatemidokht, **C. Flaut** and M. Kuchaki Rafsanjani, *On Codes based on BCK-algebras*, J. Intell. Fuzzy Syst, 29(5)(2015), 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> http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202015/REZULTATE/Rezultate%20eligibilitate_lista%206%20_08_12_2015.pdf , Lista 6, poz 102, **zona galbena**.
http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202015/REZULTATE/Rezultate%20eligibilitate_lista%206_%20ACTUALIZATA_18_12_2015.pdf
7. **PN-III-P1-1.1PRECISI-201716688**, pentru articolul **Cristina Flaut**, Vitalii Shpakivskyi, Elena Vlad, *Some remarks regarding $h(x)$ – Fibonacci polynomials in an arbitrary algebra*, Chaos, Solitons & Fractals, **99(2017)**, 32-35, pozitia 1108, **zona galbena**, din lista <https://uefiscdi.ro/preview.php?id=4049&wtok=fe8520d1507405e04a2e2ee6248058f89eecc22a&wtkps=XY1RCsIwDEDvkm+HTdPYLr3DEDyBrJONqWxWHEy8u239EP1KCO+9HMXKMwoLLPfxHMEP4lgxO/ZRSCAOAfKWgBONJvTOTI/VzBxb3CGvFZs23i5VvRJ3fUZRYMhTCzDCp9KGUkasM2AFQpiu+8OWrNJO08WuGEn9XjYakQmRkEqWi9X8OagEfsH0d+nAN/71Bg==&wchk=254e9ccad1534a220c0ed8db5ddf7b3869ed02bf>
8. **PN-III-P1-1.1PRECISI-2018-23400**, pentru articolul Arsham Borumand Saeid, **Cristina Flaut**, Sarka Hoskova-Mayerova, Morteza Afshar, Marjan Kuchaki Rafsanjani, *Some connections between BCK-algebras and n -ary block codes*, Soft Computing, 22(1)(2018), 41-46, ZONA GALBENA, pozitia 423 din lista <https://uefiscdi.ro/resource-85099?&wtok=afba85d1086469002766317c3a464c0ec3310982&wtkps=XY5BDoIwEEXvMmvFTktTGO5gTDwBUtSRAoYiXRjvbkLo6v5mfz3Zmoy9PSkCcLcOQ8Vk8xRmlKUISdF4NICTLkgQOOvbIrZOX9z9j6ogUO53Hu5xWvZyIvYdt108mbtlwGvUxJohI+qscmP+apGQ2Cj5HDcKSNkIQuhi0RE9LvZSEStEBWqpNwJ2v8xGL/7Lca7oU13Y+pH+3BtNk6X7NGe2TeWs4XbkNXTzM3ooHq9AQ==&wchk=db313883189b1f073428fc0b0ccaa1fa87f11f75>
9. **PN-III-P11.1-PRECISI2018-24846**, **Cristina Flaut**, Diana Savin, *Some special number sequences obtained from a difference equation of degree three*, Chaos, Solitons & Fractals, 106(2018), 67-71, January 2018, <https://doi.org/10.1016/j.chaos.2017.11.015> **ZONA ROSIE, POZITIA 419 din lista**

<https://uefiscdi.ro/resource-85053?&wtok=afba85d1086469002766317c3a464c0ec3310982&wtkps=XY5BDoIwEEXvMmvFTktTGO5gTDwBUtSRAoYiXRjvbkLo6v5mfz3Zmoy9PSkCcLcOQ8Vk8xRmlKUISdF4NICTLkgQOOvbIrZOX9z9j6ogUO53Hu5xWvZyIvYdt108mbtIwGvUxJohI+qscmP+apGQ2Cj5HDcKSNkIQuhi0RE9LvZSEStEBWqpNwJ2v8xGL/7Lca7oU13Y+pH+3BtNk6X7NGe2TeWs4XbkNXTzM3ooHq9AQ==&wchk=db313883189b1f073428fc0b0ccaa1fa87f11f75>

10. PN-III-P1-1.1-PRECISI-2019-31779, Cristina Flaut, *Some Remarks About the Levels and Sublevels of Algebras Obtained by the Cayley-Dickson Process*, *Algebr Represent Theor*, 22(3)(2019) 651-663, June, 2019,

DOI: 10.1007/s10468-018-9792-6.

Zona Galbena, pozitia 121 din lista

<https://uefiscdi.gov.ro/resource-823889%20?&wtok=&wtkps=XY1BDoIwEEXvMmvBDpNSGO5gTDxBpaA1aAkFIRjvbnG6Gp+Ju/9rznnl2di8NZAFZJiGJU6t6NfNPWrKdtyFbeaErSFG/SYoFhovK8bjAx2uxmDxGgz1MZDZZlytQGhzZj+cTztSYmsvAohi2gE9fvZYYiSEAKp1spoHf4cFAy/YNidm7gb0t2ZqWtSN1zSqWmtr41Nn7aZUz2MtnYdVO8P&wchk=f911e899c61edf5e342f1c12a34ef4d5f76ad923>

11. PN-III-P1-1.1-PRECISI-2019-32424, **Cristina Flaut**, Diana Savin, *Some remarks regarding l-elements defined in algebras obtained by the Cayley-Dickson process*, *Chaos, Solitons & Fractals*, 118(2019), 112-116, January 2019, <https://doi.org/10.1016/j.chaos.2018.11.002>

Zona Rosie, pozitia 328 din lista

<https://uefiscdi.gov.ro/resource-823889%20?&wtok=&wtkps=XY1BDoIwEEXvMmvBDpNSGO5gTDxBpaA1aAkFIRjvbnG6Gp+Ju/9rznnl2di8NZAFZJiGJU6t6NfNPWrKdtyFbeaErSFG/SYoFhovK8bjAx2uxmDxGgz1MZDZZlytQGhzZj+cTztSYmsvAohi2gE9fvZYYiSEAKp1spoHf4cFAy/YNidm7gb0t2ZqWtSN1zSqWmtr41Nn7aZUz2MtnYdVO8P&wchk=f911e899c61edf5e342f1c12a34ef4d5f76ad923>

12. PN-III-P1-1.1- PRECISI-2020- 46259, ZONA GALBENA, **Cristina FLAUT**, Radu Vasile, *Wajsberg algebras arising from binary block codes*, *Soft Computing*, 24(2020), 6047-6058, DOI:

10.1007/s00500-019-04653-5 <https://link.springer.com/article/10.1007/s00500-019-04653-5>

pozitia 471 din lista https://uefiscdi.gov.ro/resource-824947-precisi_2020_lista-1_partial-3_verificare-eligibilitate-an-2020_.pdf?&wtok=&wtkps=XU5ZbsMgEL0L343rYUKMxz85QVSpJ8CGRLR2a10Xhch3D6BIXb7mzdV0FFV094TEvNWs8SQihLZf20Wd+8/Q2jDw9SK7MH+oINx0cOEQvkM9jDuoK1T2tvOLwes+hYGYTZcTE/AEx4k1Kir3LA+/n+i1JKGsm23LGzrtEyVQpLKKmNZf1f73V6xKLrkshcylMfrDvHAAgQAImCeInDr9y0BJ7K8xTltNAhjR4PTcm8KNI2I2Z+s7bYvFmrVQ42Q717NmewA=&wchk=59f433ad0230a5a4662170f0a2207dfcf002f828

13. PN-III-P1-1.1- PRECISI-2020- 46274, ZONA ROSIE, **Cristina Flaut**, Sarka Hoskova-Mayerova, A.B. Saeid, Radu Vasile, *Wajsberg algebras of order $n(n \leq 9)$* , *Neural Computing and Applications*, 32(2020), 13301–13312. <https://link.springer.com/article/10.1007/s00521-019-04676-x> , DOI:

10.1007/s00521-019-04676-x, pozitia 477 din lista https://uefiscdi.gov.ro/resource-824947-precisi_2020_lista-1_partial-3_verificare-eligibilitate-an-2020_.pdf?&wtok=&wtkps=XU5ZbsMgEL0L343rYUKMxz85QVSpJ8CGRLR2a10Xhch3D6BIXb7mzdV0FFV094TEvNWs8SQihLZf20Wd+8/Q2jDw9SK7MH+oINx0cOEQvkM9jDuoK1T2tvOLwes+hYGYTZcTE/AEx4k1Kir3LA+/n+i1JKGsm23LGzrtEyVQpLKKmNZf1f73V6xKLrkshcylMfrDvHAAgQAImCeInDr9y0BJ7K8xTltNAhjR4PTcm8KNI2I2Z+s7bYvFmrVQ42Q717NmewA=&wchk=59f433ad0230a5a4662170f0a2207dfcf002f828

https://uefiscdi.gov.ro/resource-824947-precisi_2020_lista-1_partial-3_verificare-eligibilitate-an-2020_.pdf?&wtok=&wtkps=XU5ZbsMgEL0L343rYUKMxz85QVSpJ8CGRLR2a10Xhch3D6BIXb7mzdV0FFV094TEvNWs8SQihLZf20Wd+8/Q2jDw9SK7MH+oINx0cOEQvkM9jDuoK1T2tvOLwes+hYGYTZcTE/AEx4k1Kir3LA+/n+i1JKGsm23LGzrtEyVQpLKKmNZf1f73V6xKLrkshcylMfrDvHAAgQAImCeInDr9y0BJ7K8xTltNAhjR4PTcm8KNI2I2Z+s7bYvFmrVQ42Q717NmewA=&wchk=59f433ad0230a5a4662170f0a2207dfcf002f828

14. PN-III-P1-1.1- PRECISI-2021- 56202, ZONA ROSIE, **Cristina Flaut**, Diana Savin, Geanina Zaharia, *Properties and applications of some special integer number sequences*, *Mathematical Methods in the Applied Sciences*, 44(2021), 7442-7454; DOI: 10.1002/mma.6257,

<https://onlinelibrary.wiley.com/doi/full/10.1002/mma.6257> , POZITIA 1140 din lista
https://uefiscdi.gov.ro/resource-868399-precisi2021_lista-1_partial-1_rezultate-eligibilitate-art-2021_0.pdf?&wtok=&wtkps=XY9NjsIwDIXvkjVT6oTQ1N3MCRASJwhNphMI06jpL6h3x61YwKz87OfvydaY4SOiQBadYUVEyZHB/pIrL/iowV+Cr0JuyvP020/j3enm3FVTuNv+axevrQ5UOFd+YQGZWypFSHiJ75YVmpzHat/eG9p1qCDNi3leTyhNXEZ7mtBChsyY8Hc8bUWWcsVVKtUaSigHkAJAgNh8miBX6vCPgfSdeZ022EUIUrfadN4mdVMIInf1xsTQu6Z0dEt20rqzpufkJ&wchk=46d5963c976a90e97231968d7bb5f8b6ef700a95

15. PN-III-P1-1.1- PRECISI-2021- 56772, ZONA ROSIE, **Cristina Flaut**, Diana Savin, *Some properties of the norm in a division quaternion algebra*, accepted in Mathematical Methods in the Applied Sciences, DOI: 10.1002/mma.7502, POZITIA 1337 DIN LISTA
https://uefiscdi.gov.ro/resource-868399-precisi2021_lista-1_partial-1_rezultate-eligibilitate-art-2021_0.pdf?&wtok=&wtkps=XY9NjsIwDIXvkjVT6oTQ1N3MCRASJwhNphMI06jpL6h3x61YwKz87OfvydaY4SOiQBadYUVEyZHB/pIrL/iowV+Cr0JuyvP020/j3enm3FVTuNv+axevrQ5UOFd+YQGZWypFSHiJ75YVmpzHat/eG9p1qCDNi3leTyhNXEZ7mtBChsyY8Hc8bUWWcsVVKtUaSigHkAJAgNh8miBX6vCPgfSdeZ022EUIUrfadN4mdVMIInf1xsTQu6Z0dEt20rqzpufkJ&wchk=46d5963c976a90e97231968d7bb5f8b6ef700a95

H-index=9, cf ISI Thomson

PUBLICATII

Carti/Capitole din Carti(ultimii 10 ani)

19. Cristina Flaut, Dana Piciu, Murat Tosun, *Advances in Classical and Applied Mathematics*, Axioms MDPI, Martie 2025, ISBN 978-3-7258-3580-5(Hardback), ISBN 978-3-7258-3579-9 (PDF),
<https://www.mdpi.com/books/reprint/10694-advances-in-classical-and-applied-mathematics>

18. Cristina Flaut, *Remarks Regarding Special Elements in Algebras Obtained by the Cayley-Dickson Process. A Short Survey*, in Sarka Hoskova-Mayerova, Cristina Flaut, Daniel Flaut, Pavlina Rackova, *Changes and Innovations in Social Systems*, Springer Nature Switzerland AG, 12 April 2025, ISBN 978-3-031-43505-8, https://link.springer.com/chapter/10.1007/978-3-031-43506-5_4 , pp.65-86-10,56 puncte

17. Cristina Flaut, Daniel Flaut, Šárka Hošková-Mayerová, *Some aspects regarding RSA cryptosystem*, in Sarka Hoskova-Mayerova, Cristina Flaut, Daniel Flaut, Pavlina Rackova, *Changes and Innovations in Social Systems*, Springer Nature Switzerland AG, 12 April 2025, ISBN 978-3-031-43505-8, https://link.springer.com/chapter/10.1007/978-3-031-43506-5_35, pp. 645-657-2,08 puncte

16. Sarka Hoskova-Mayerova, Cristina Flaut, Daniel Flaut, Pavlina Rackova, *Changes and Innovations in Social Systems*, Springer Nature Switzerland AG, **12 April 2025**, ISBN 978-3-031-43505-8, <https://link.springer.com/book/10.1007/978-3-031-43506-5> , **657 pagini**

15. **Cristina Flaut**, Daniel Flaut, Šárka Hošková-Mayerová, Some Aspects Regarding RSA Cryptosystem, in Sarka Hošková-Mayerová, Cristina Flaut, Daniel Flaut, Pavlina Rackova, *Changes and Innovations in Social Systems*, Springer, April, 2025, ISBN: 978-3-031-43505-8, pp.645-657, <https://link.springer.com/book/10.1007/978-3-031-43506-5>
14. **Cristina Flaut**, *Remarks Regarding Special Elements in Algebras Obtained by the Cayley-Dickson Process*. A Short Survey, in Sarka Hošková-Mayerová, Cristina Flaut, Daniel Flaut, Pavlina Rackova, *Changes and Innovations in Social Systems*, Springer, April, 2025, ISBN: 978-3-031-43505-8, pp.65-86, <https://link.springer.com/book/10.1007/978-3-031-43506-5>
13. Sarka Hošková-Mayerová, **Cristina Flaut**, Daniel Flaut, Pavlina Rackova, *Changes and Innovations in Social Systems*, Springer, April, 2025, ISBN: 978-3-031-43505-8
12. **Flaut Cristina**, Hošková-Mayerová, Šárka, Vasile Radu, *Some Remarks Regarding Finite Bounded Commutative BCK-Algebras*, in Hošková-Mayerová, Šárka, **Flaut, Cristina**, Maturo, Fabrizio, *Algorithms as a Basis of Modern Applied Mathematics*, Springer Nature Switzerland AG, ISBN 978-3-030-61334-1, 2021, p.131-140, <https://www.springer.com/gp/book/9783030613334>
11. **Flaut Cristina**, Savin Diana, Zaharia Geanina, *Some Applications of Fibonacci and Lucas Numbers*, in Hošková-Mayerová, Šárka, **Flaut, Cristina**, Maturo, Fabrizio, *Algorithms as a Basis of Modern Applied Mathematics*, Springer Nature Switzerland AG, ISBN 978-3-030-61334-1, 2021, p.119-130, <https://www.springer.com/gp/book/9783030613334>
10. Hošková-Mayerová, Šárka, **Flaut, Cristina**, Maturo, Fabrizio, *Algorithms as a Basis of Modern Applied Mathematics*, Springer Nature Switzerland AG, ISBN 978-3-030-61334-1, 2021, <https://www.springer.com/gp/book/9783030613334>
9. Flaut, D , Flaut C., *The Rural Population of Muntenia in the 1930s: A Brief Analysis Based on Statistical Data*, in Flaut, D., Hošková-Mayerová, Š., Ispas, C., Maturo, F., Flaut Cristina, *Decision Making in Social Sciences: Between Traditions and Innovations*, Springer Nature Switzerland AG, DOI 10.1007/978-3-030-30659-5_17 , ISBN, 978-3-030-30658-8, 2020,p. 297-316, https://link.springer.com/chapter/10.1007/978-3-030-30659-5_17, <https://www.springer.com/gp/book/9783030306588>
8. Flaut, D., Hošková-Mayerová, Š., Ispas, C., Maturo, F., **Flaut Cristina**, *Decision Making in Social Sciences: Between Traditions and Innovations*, Springer Nature Switzerland AG, ISBN, 978-3-030-30658-8, 2020, <https://www.springer.com/gp/book/9783030306588>
7. **Cristina Flaut**, Editor al Proceedings of the 7th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2018), Noiembrie 2018, AIP Conference Proceedings **2037**, 010002 (2018); <https://aip.scitation.org/toc/apc/2037/1?expanded=2037> <https://aip.scitation.org/doi/abs/10.1063/1.5078455>
6. **Cristina Flaut**, Sarka Hošková-Mayerová, Daniel Flaut, *Models and Theories in Social Systems*, Springer Nature, 2019, <https://www.springer.com/us/book/9783030000837>, e-ISBN: 978-3-030-00084-

4, ISBN: 978-3-030-00083-7, DOI: 10.1007/978-3-030-00084-4

5. Cristina Flaut, *An algebraic model for real matrix representations. Remarks regarding Quaternions and Octonions*, chapter in the Springer's book series: *Studies in Systems, Decision and Control, Contributed volume: Cristina Flaut, Sarka Hošková-Mayerová, Daniel Flaut, Models and Theories in Social Systems*, 431-451, Springer Nature, 2019, DOI: 10.1007/978-3-030-00084-4_24, <https://www.springer.com/us/book/9783030000837>

4. Ravi P. Agarwal, Cristina Flaut, Donal O'Regan, *An Introduction to Real Analysis*, Chapman and Hall/CRC Press-Taylor and Francis Group, Florida 33487, U.S.A., 2018, 277 p, ISBN 978-0-8153-9685-7, Catalogue Number K344954, <https://www.crcpress.com/An-Introduction-to-Real-Analysis/Agarwal-Flaut-ORegan/p/book/9780815396857>.

3. Ravi P. Agarwal, Cristina Flaut, *An Introduction to Linear Algebra*, CRC Press-Taylor and Francis Group, Florida 33487, U.S.A., 2017, ISBN 978-1-138-62670-6, <https://www.crcpress.com/An-Introduction-to-Linear-Algebra/Agarwal-Flaut/p/book/9781138626706>.

2. Cristina Flaut, *Some connections between binary block codes and Hilbert Algebras*, chapter in the Springer's book series: *Studies in Systems, Decision and Control, Contributed volume: Recent Trends in Social Systems: Qualitative Theories and Quantitative Models*, 2017, 249-256, DOI: 10.1007/978-3-319-40585-8_22, WOS:000399117700023, Book DOI: 10.1007/978-3-319-40585-8, ISBN:978-3-319-40585-8; 978-3-319-40583-4, ISSN: 2198-4182. <http://www.springer.com/us/book/9783319405834>

1. Cristina Flaut, Daniel Flaut, *Notes on some diplomatic cryptosystems used in the 17th and 18th centuries*, chapter in the Springer's book series: *Studies in Systems, Decision and Control, Contributed volume: Recent Trends in Social Systems: Qualitative Theories and Quantitative Models*, 2017, 317-328, DOI: 10.1007/978-3-319-40585-8_28, WOS:000399117700029, Book DOI: 10.1007/978-3-319-40585-8, ISBN:978-3-319-40585-8; 978-3-319-40583-4, ISSN: 2198-4182. <http://www.springer.com/us/book/9783319405834>

Member of Editorial Board of the ISI Journals

1. Italian Journal of Pure and Applied Mathematics
2. Journal of Intelligent & Fuzzy Systems
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4. Mathematical Methods in the Applied Sciences
5. Demonstratio Mathematica, <https://www.degruyter.com/journal/key/dema/html#editorial>

ARTICOLE-ISI

40. Flaut, C.; Piciu, D.; Vasile, R. Some Remarks Regarding MTL and Divisible Residuated Algebras. *Mathematics* 2025, 13, 3697. <https://doi.org/10.3390/math13223697>
39. Cristina Flaut, Andreea Baias, *Remarks regarding some special matrices*, *Filomat*, 39(13)(2025), 4423-4430, iulie 2025, <https://doi.org/10.2298/FIL2513423F>, <https://www.pmf.ni.ac.rs/filomat-content/2025/39-13/39-13-13-26130.pdf> , WOS:001538694300013
38. Cristina Flaut, Dana Piciu, *Commutative Rings Behind Divisible Residuated Lattices*, *Mathematics*, 12(23)(2024), december 2024, DOI 10.3390/math12233867, WOS:001376475700001
37. Calin MF, **Flaut C**, Flaut D, Tusa E, *Study on University Dropouts in the Context of the Romanian Education System Reform*, *Revista Romaneasca Pentru Educatie Multidimensionala*, 16(3)(2024), September 2024, pp. 32-46, DOI 10.18662/rrem/16.3/881 , WOS:001318544200003
36. Cristina Flaut, Andreea Baias, Some Remarks Regarding Special Elements in Algebras Obtained by the Cayley–Dickson Process over Z_p , *Axioms* 3(6)(2024), martie 2024, DOI 10.3390/axioms13060351, WOS:001255029600001 ; <https://doi.org/10.3390/axioms13060351>
35. Cristina Flaut, Dana Piciu, Bianca Liana Berecea, *Some Applications of Fuzzy Sets in Residuated Lattices*, *Axioms*, 13(2024), 267., DOI 10.3390/axioms13040267 ; <https://doi.org/10.3390/axioms13040267>; WOS:001210379400001
34. Mariana Floricica CALIN, **Cristina FLAUT**, Dana PICIU, *Remarks regarding some Algebras of Logic*, *Journal of Intelligent & Fuzzy Systems*, 45(5)(2023), 8613-8622, WOS: 001099536200094, DOI: 10.3233/JIFS-232815, <https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs232815?resultNumber=0&totalResults=1&start=0&q=Mariana+Floricica+Calin%2C+Cristina+FLAUT%2C+Dana+PICIU%2C+Remarks+regarding+some+Algebras+often+Logic&resultsPageSize=10&rows=10>
33. **Cristina Flaut**, Ana Nechifor, *Remarks regarding eigenvalues and fixed points in some algebras obtained by the Cayley-Dickson process*, *Filomat* 37(11)(2023), 3649–3658, DOI 10.2298/FIL2311649F; WOS: 000965678200023 <https://doi.org/10.2298/FIL2311649F>, <https://www.pmf.ni.ac.rs/filomat-content/2023/37-11/37-11-23-18668.pdf>
32. Cristina FLAUT, *Some applications of idempotent elements in MV algebras* , *Carpathian J. of Math.*, 39(1)(2023), p. 161-174, WOS: 000895231100001; DOI 10.37193/CJM.2023.01.10 ; <https://www.carpathian.cunbm.utcluj.ro/article/some-applications-of-idempotent-elements-in-mv-algebras/>

31. **Cristina FLAUT**, Dana PICIU, *Some Examples of BL-Algebras Using Commutative Rings*, Mathematics, 10(24)(2022), 4739, DOI: 10.3390/math10244739 , WOS:000904464500001, <https://doi.org/10.3390/math10244739>
30. **Cristina FLAUT**, Dana PICIU, *Connections between commutative rings and some algebras of logic*, Iranian Journal of Fuzzy Systems, 19(6)(2022), pp. 93-110, WOS:000885481900007, DOI: 10.22111/IJFS.2022.7213, https://ijfs.usb.ac.ir/article_7213.html
29. **Cristina FLAUT**, Geanina Zaharia, *Remarks Regarding Computational Aspects in Algebras Obtained by Cayley–Dickson Process and Some of Their Applications*, Mathematics, 10(7)(2022), 1141, DOI: 10.3390/math10071141 , WOS:000781116700001; <https://doi.org/10.3390/math10071141>
28. **Cristina FLAUT**, Remus BOBOESCU, *A twisted group algebra structure for an algebra obtained by the Cayley-Dickson process*, Ukraine J of Math, 74(6)(2022), 752-760, DOI 10.1007/s11253-022-02113-2, WOS:000888686500001, DOI: <https://doi.org/10.37863/umzh.v74i6.6949>
27. **Cristina Flaut**, Diana Savin, *Some properties of the norm in a division quaternion algebra*, Mathematical Methods in the Applied Sciences, 45(18)(2022), 12077-12088, DOI:10.1002/mma.7502 , WOS:000652005100001, <https://doi.org/10.1002/mma.7502>
26. **Cristina Flaut**, Diana Savin, Geanina Zaharia, *Properties and applications of some special integer number sequences*, Mathematical Methods in the Applied Sciences, 44(2021), 7442-7454; DOI: 10.1002/mma.6257, <https://onlinelibrary.wiley.com/doi/full/10.1002/mma.6257>
25. **Cristina Flaut**, Radu Vasile, *Wajsberg algebras arising from binary block codes*, Soft Computing, 24(2020), 6047-6058, DOI: 10.1007/s00500-019-04653-5 , <https://link.springer.com/article/10.1007/s00500-019-04653-5> , https://link.springer.com/article/10.1007/s00500-019-04653-5?wt_mc=alerts.TOCjournals
24. **Cristina Flaut**, Sarka Hoskova-Mayerova, A.B. Saeid, Radu Vasile, *Wajsberg algebras of order $n(n \leq 9)$* , Neural Computing and Applications, 32(2020), 13301–13312. <https://link.springer.com/article/10.1007/s00521-019-04676-x> , DOI: 10.1007/s00521-019-04676-x
23. **Cristina Flaut**, *Some applications of difference equations in Cryptography and Coding Theory*, Journal of Difference Equations and Applications, 25(7)(2019), 905-920. <https://doi.org/10.1080/10236198.2019.1619713>
22. **Cristina Flaut**, Diana Savin, *Some remarks regarding l -elements defined in algebras obtained by the Cayley-Dickson process*, Chaos, Solitons & Fractals, 118(2019), 112-116, January 2019, <https://doi.org/10.1016/j.chaos.2018.11.002>

21. Cristina Flaut, *Some Remarks About the Levels and Sublevels of Algebras Obtained by the Cayley-Dickson Process*, *Algebr Represent Theor*, 22(3)(2019), 651-663, June, 2019, DOI: 10.1007/s10468-018-9792-6, <http://dx.doi.org/10.1007/s10468-018-9792-6>
20. **Cristina Flaut**, Diana Savin, *Some special number sequences obtained from a difference equation of degree three*, *Chaos, Solitons & Fractals*, 106(2018), 67-71, January 2018, <https://doi.org/10.1016/j.chaos.2017.11.015> acceptat in 10 Noiembrie 2017.
19. Arsham Borumand Saeid, **Cristina Flaut**, Sarka Hoskova-Mayerova, Morteza Afshar, Marjan Kuchaki Rafsanjani, *Some connections between BCK-algebras and n-ary block codes*, *Soft Computing*, 22(1)(2018), 41-46, <https://link.springer.com/article/10.1007/s00500-017-2788-z> , DOI 10.1007/s00500-017-2788-z
18. **Cristina Flaut**, Vitalii Shpakivskyi, Elena Vlad, *Some remarks regarding $h(x)$ – Fibonacci polynomials in an arbitrary algebra*, *Chaos, Solitons & Fractals*, **99(2017)**, 32-35, DOI <http://dx.doi.org/10.1016/j.chaos.2017.03.040> , <http://www.sciencedirect.com/science/article/pii/S0960077917301005>
17. Cristina Flaut, *Codes Over Subsets of Algebras Obtained by the Cayley–Dickson Process*, *Adv. Appl. Clifford Algebras*, **26(4)(2016)**, 1195-1210, DOI 10.1007/s00006-016-0645-2, <http://link.springer.com/article/10.1007/s00006-016-0645-2>
16. A. Borumand Saeid, H. Fatemidokht, **Cristina Flaut**, M. Kuchaki Rafsanjani, *On Codes based on BCK-algebras*, *J. Intell. Fuzzy Syst.*, **29(5)(2015)**, 2133-2137, DOI: 10.3233/IFS-151688 <http://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs1688>
15. **Cristina Flaut**, Diana Savin, *Quaternion Algebras and Generalized Fibonacci-Lucas Quaternions*, DOI: 10.1007/s00006-015-0542-0, *Adv. Appl. Clifford Algebras*, 25(4)(2015), 853-862, <http://link.springer.com/article/10.1007/s00006-015-0542-0> ,
14. 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
13. Cristina Flaut, *BCK-algebras arising from block codes*, *J. Intell. Fuzzy Syst.*, 28(4)(2015), 1829-1833, <http://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs1469> , DOI: 10.3233/IFS-141469
12. Cristina Flaut, *A Clifford algebra associated to generalized Fibonacci quaternions*, *Adv. Differ. Equ.-NY*, 2014:279, p.1-7. <http://www.advancesindifferenceequations.com/content/pdf/1687-1847-2014-279.pdf> DOI: 10.1186/1687-1847-2014-279
11. **Cristina Flaut**, Vitalii Shpakivskyi, *An Efficient Method for Solving Equations in Generalized Quaternion and Octonion Algebras*, *Adv. Appl. Clifford Algebras*, 25(2)(2015), 337-350, <http://link.springer.com/article/10.1007/s00006-014-0493-x> DOI: 10.1007/s00006-014-0493-x,
10. **Cristina Flaut**, 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

9. **Cristina Flaut**, Vitalii Shpakivskyi, *Holomorphic functions in generalized Cayley- Dickson algebras*, Adv. Appl. Clifford Algebras, 25(1)(2015), 95-112, 2013-IF=0.530, –
<http://link.springer.com/article/10.1007/s00006-014-0479-8> DOI: 10.1007/s00006-014-0479-8
8. **Cristina Flaut**, Diana Savin, *Some properties of symbol algebras of degree three*, Math. Rep., 3(2014), p. 443-465. http://imar.ro/journals/Mathematical_Reports/Mrc14_3.pdf
7. **Cristina Flaut**, 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
<http://link.springer.com/article/10.1007/s00006-012-0344-6>
6. **Cristina Flaut**, 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>
5. **Cristina Flaut** 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>
4. Cristina Flaut, *Cyclic codes over some special rings*, Bull. Korean Math. Soc., 50(5)(2013), 1513-1521, DOI: 10.4134/BKMS.2013.50.5.1513 <http://pdf.medrang.co.kr/kms01/BKMS/50/BKMS-50-5-1513-1521.pdf>
3. Cristina Flaut, *Levels and sublevels of algebras obtained by the Cayley–Dickson process*, Ann. Mat. Pura Appl., 192(6)(2013), 1099-1114, DOI: 10.1007/s10231-012-0260-3.
<http://www.springerlink.com/content/k746l7060x03285n/>
2. **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.
1. Diana Savin, **Cristina Flaut**, Camelia Ciobanu, *Some properties of the symbol algebras*, Carpathian Journal of Mathematics, 25(2)(2009), 239-245, 190.

ISI Proceedings

1. Monica Parvan, Florian Ghionea, **Cristina Flaut**, *A mathematical model of the relevant request determination in the transport problem*, Mathematics and Computer in Business and Economics, Proceedings of the 9th WSEAS International on Mathematics and Computer in Business and Economics(MCBE' 08), Bucuresti, 24-26 iunie 2008, pag. 105-111, and WSEAS TRANSACTIONS on SYSTEMS AND CONTROL, 3(2008), Print ISSN: 1991-8763, E-ISSN: 2224-2856, 517-526.
<http://www.wseas.us/e-library/transactions/control/2008/27-428.pdf>
<http://www.worldses.org/books/2008/bucharest/mathematics-and-computers-in-businessand-economics.pdf>
<http://www.wseas.us/e-library/conferences/2008/bucharest/mcbe/mcbe.pdf>
2. *Cristina Flaut*, Florian Ghionea, Monica Parvan, *Optimization of urban transportation*

network, Mathematics and Computer in Business and Economics, Proceedings of the 9th WSEAS International on Mathematics and Computer in Business and Economics(MCBE'08), Bucuresti, 24-26 iunie 2008, pag. 111-116.

<http://www.worldses.org/books/2008/bucharest/mathematics-and-computers-in-businessand->

i) Article BDI

23. Cristina Flaut, Daniel Flaut, Šárka Hošková-Mayerová, Alena Vagaská, *Some aspects regarding secret code creators*, Revista Română de Studii Eurasiatice, an XVII, nr. 1-2/2021, p. 121-136, <https://drive.google.com/file/d/1nlosu4IU2rylzc1GFATJpP1UCpNnwIBs/view>

22. Cristina Flaut, Daniel Flaut, Sarka Hoskova-Mayerova, Radu Vasile, *From Old Ciphers to Modern Communications*, Advances in Military Technology, 1(2)(2019), http://aimt.unob.cz/articles/19_01/1281.pdf January 2019.

21. Cristina Flaut, Vitalii Shpakivskyi, *Some Remarks About Fibonacci Elements In An Arbitrary Algebra*, Bulletin De La Société Des Sciences Et Des Lettres De Łódź, LXV(3)(2015), 63-73, <http://www.ltn.lodz.pl/streszczenia/Bulletin-65-3.pdf>.

20. Cristina Flaut, Daniel Flaut, *Cryptographic Systems Used in the Romanian Countries between the 15th – 19th Centuries*, în “Asian Journal of Social Sciences & Humanities” (AJSSH), 4(1), February 2015, Leena& Luna International, Oyama, Japan, p. 109-117.

ISSN: 2186-8492 (Online); ISSN: 2186-8484 Print, <http://www.ajssh.leena-luna.co.jp/AJSSHPDFs/Vol.4%281%29/AJSSH2015%284.1-12%29.pdf>

Ebsco Indexed

<http://www.ajssh.leena-luna.co.jp/AJSSHPDFs/Vol.4%281%29/AJSSH2015%284.1-12%29.pdf>

<http://ejournals.ebsco.com/info/EJSTitles.asp?PageNo=24>

<http://www.ajssh.leena-luna.co.jp/ajsshvol4n1.php>

19. Cristina Flaut, D. Savin, *About quaternion algebras and symbol algebras*, Bulletin of the Transilvania University of Brasov, **7(2)(56)(2014)**, 59-64.

18. Cristina FLAUT, *About some properties of algebras obtained by the Cayley-Dickson process*, Palestine Journal of Mathematics , **3(1-spec)(2014)**, p. 388-394, ISSN 2219-5688. http://pjm.ppu.edu/vol_3_3/7.pdf , http://pjm.ppu.edu/?page=volumes&vol=3_3

17. Daniel Flaut, Cristina Flaut, *Some historical aspects of classical ciphers*, Asian Journal of Research in Social Sciences and Humanities, Asian Research Consortium, Yamunanagar, India, Volume 4(1)(2014), 27-31.

<https://www.indianjournals.com/ijor.aspx?target=ijor:ajrssh&volume=4&issue=1&article=003>

Indexed in: ProQuest; Ebsco; Index Copernicus (IC Value: 2011: 5.09; IC Value 2012: 4.72).

ISSN: 2249-7315 (Online); 2250-1665 (Print)

16. **Cristina Flaut**, D. Savin, G. Iorgulescu, *Some properties of Fibonacci and Lucas symbol elements*, Journal of Mathematical Sciences: Advances and Applications, **20(2013)**, 37-43, 2013, http://scientificadvancespublishers.com/tables_contents_journal_mathematical_sciences_advances_applications.html#2013
15. Cristina Flaut, *Isotropy of some quadratic forms and its applications on levels and sublevels of algebras*, J. Math. Sci. Adv. Appl., **12(2)**(2011), 97-117, India, ISSN 0974-5750. [arXiv:1201.5978](http://arxiv.org/abs/1201.5978)
http://scientificadvancespublishers.com/tables_contents_journal_mathematical_sciences_advances_applications.html#2011
14. Florian Ghionea, **Cristina Flaut**, *Un model de optimizare a liniilor de transport urban. Arondarea liniilor de transport pe autobaze*, Buletinul AGIR, *Educatie. Cercetare. Progres tehnologic*, An XVI, nr.3/2011. http://www.buletinulagir.agir.ro/numar_revista.php?id=60 (indexed in Index Copernicus).
13. **Cristina Flaut**, Daniel Flaut, *Arabii si inceputurile criptografiei*, *Revista Romana de Studii Eurasiatice*, **4(1-2)**2008, 123-130. <http://csea.wikispaces.com/YEAR+IV-2008> (indexed in Index Copernicus).
12. Cristina Flaut, *Rational points on elliptic curves over finite fields*, Seminar Series in Mathematics: Algebra, 2008, 45-54.
11. **Cristina Flaut**, Mirela Stefanescu, *Some applications of Peirce decomposition in generalized rings and algebras*, Italian J. of Pure and Applied Mathematics, **24**(2008), 191-202. <http://ijpam.uniud.it/abstracts/abstract%2024-2008.pdf>
10. **Cristina Flaut**, Florian Ghionea, *Some properties of the line graph associated to a graph G*, Italian J. of Pure and Applied Mathematics, **25**(2009), 165-174. <http://ijpam.uniud.it/abstracts/abstract%2025-2009.pdf>
9. Cristina Flaut, *Some primality and factoring tests*, Creative Math&Inf. **16**(2007), pag 20-26. <http://creative-mathematics.ubm.ro/?s=7&f=2>
8. Cristina Flaut, *Some properties of octonion and quaternion algebras*, Acta Mathematica Academiae Paedagogicae Nyíregyháziensis, **22(2)**(2006), 161-170.
7. Cristina Flaut, *Division algebras with dimension 2^t , t in N* , Analele Stiintifice ale Universitatii "Ovidius" Constanta, Seria Matematica, **13(2)**(2006), 31-38, 31 cod CNCSIS.
6. **Cristina Flaut**, Mirela Stefanescu, *Associativity condition for some alternative algebras of degree three*, Geometry Balkan Press Bucharest: Balkan Society of Geometers. BSG Proceedings 11(2004), 121-130 <http://www.mathem.pub.ro/proc/bsgp-11/0STEF02.PDF>
<http://www.mathem.pub.ro/proc/bsgp-11/K11-STEF02.PDF>
5. Cristina Flaut, *Some examples of real division algebras*, Analele Stiintifice ale Universitatii "Ovidius", Constanta, **11(2)**(2003), 69–74.

4. Cristina Flaut, *Some properties of the composition algebras*, Analele Stiintifice ale Universitatii "Ovidius", Constanta, **11(1)**(2003), 93–100
3. Cristina Flaut, *Eigenvalues and eigenvectors for the quaternion matrices of degree two*, Analele Stiintifice ale Universitatii "Ovidius", Constanta, **10(2)** (2002), 39–44
2. Cristina Flaut, *Some equation in algebras obtained by the Cayley-Dickson process*, Analele Stiintifice ale Universitatii "Ovidius", Constanta, **9(2)**(2001), 45-68.
<http://www.anstuocmath.ro/mathematics/pdf2/flaut.pdf>
1. Cristina Flaut, *O particularizare a reciprocei Lemei lui Schur*, Analele Stiintifice ale Universitatii "Ovidius" Constanta, Seria Matematica, **8(1)**(2000), 71-76
(Presented at S.S.M.R. Conference, May, 2000
http://www.anstuocmath.ro/mathematics/pdf0/2000_v8_fl_new.pdf

Participari la Conferinte/Workshop-uri

24. *International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2020)*, Skopje, North Macedonia, 25-28 August 2020, membru in comitetul de organizare, <http://www.iecmsa.org/organize/>
23. *International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2019)*, Baku, Azerbaijan, 27-30 August 2019, si membru in com de org, cu comunicarea *Some Properties of Wajsberg Algebras*, http://www.iecmsa.org/dosyalar/program_2019/book_of_abstracts_2019.pdf , pag. 279
22. *International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2018)*, Kiev, Ucraina, 28-31 August 2018, si membru in com de org, cu comunicarea *Fibonacci elements and some of their Applications*, http://www.iecmsa.org/dosyalar/program_2018/Participants_IECMSA_2018.pdf
<http://2018.iecmsa.org/>
21. MAOCOS 2018, **International Conference on Mathematics and Computer Science**, 14-16 Iunie 2018, Braşov, Romania, membru in **Comitetul de Organizare si in Comitetul Stiintific**, cu **prelegerea** *Some application of difference equations in Cryptography and Coding Theory*, http://old.unitbv.ro/mi/CercetareStiintifica/Manifestari/Macos_2018.aspx
20. *International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2017)*, Budapesta, Ungaria, 15-18 August 2017, cu comunicarea *New bounds for the levels and sublevels of algebras obtained by the Cayley-Dickson process*. Comunicarea a fost prezentata Marti, 15 August 2017, orele 17.30-17.50, in cadrul Sesiunii nr.2, Sala 6.
Am fost **Chair** in cadrul unei sesiuni dedicata invitatilor speciali, Marti 15 August 2017, orele 14-14.45, http://www.iecmsa.org/dosyalar/conference_program_booklet_2017.pdf . In calitate de membru in comitetul de organizare, am avut onoarea sa am Cuvantul de deschidere si Cuvantul de inchidere pentru aceasta

conferinta.

19. *Recent Trends in Pure and Applied Mathematics (TREPAM-2017)*, Alba-Iulia, Romania, 31 Iulie 2017-5 August 2017, participant in calitate de Main Speaker cu comunicarea *Some remarks about the levels and sublevels of algebras obtained by the Cayley-Dickson process*, <http://trepam.uab.ro/index.php?p=4> . Comunicarea a fost prezentata Miercuri, 2 August 2017, orele 12.30-13, in cadrul unei sesiuni dedicata invitatilor speciali (Main Speakers). Am fost **Chair** pentru doua sectiuni: *Special Invited Sessions* (A6 Amphitheatre), Marti, 1 August 2017, orele 14-15 si *Session 10* (A6 Amphitheatre), Vineri, 4 August 2017, orele 11.30-12.50.

18. Sesiune de formare organizată de ARACIS, în perioada 23-24 februarie 2017, la Universitatea "Transilvania" din Braşov, <http://www.aracis.ro/publicatii/publicatii-aracis/>
<http://www.aracis.ro/info/noutati/evenimente/single-news/view/-4831d0817e/247/>

17. Workshop-ul *Acces la literatură științifică: Actualizarea sistemului de învățământ și de cercetare din România. Modele de cercetare și publicare* – Ediția a IV-a – 26-28 Octombrie 2016, București, România, <http://www.e-nformation.ro/news/conferinta-nationala-acces-la-literatura-stiintifica-editia-iv-26-28-octombrie-2016>

16. MAOCOS 2016, **International Conference on Mathematics and Computer Science, 8-10 Septembrie 2016, Braşov, Romania, membru in Comitetul de organizare**,
http://www.unitbv.ro/mi/CercetareStiintifica/Manifestari/Macos_2016.aspx ,
http://www.unitbv.ro/fmi/CercetareStiintifica/Manifestari/Macos_2016/Organizing_Macos2016.aspx ,
cu prelegerea Applications of algebras obtained by the Cayley-Dickson process in Coding theory

15. Invited speaker si membru in Comitetul Stiintific al **Fifth International Eurasian Conference on Mathematical Sciences and Applications (IECMSA)-2016** Belgrad (Serbia) in August 16-19, 2016,
<http://www.iecmsa.org/> , <http://www.iecmsa.org/8-menu-scientific-committee> ,
<http://www.iecmsa.org/4-menu-invited-speakers> , cu conferinta plenara **Some Applications of Algebras Obtained by the Cayley Dickson Process**, http://www.iecmsa.org/dosyalar/conference_booklet_2016.pdf

14. Organizator al Conferintei in onoarea Profesorului Ravi P Agarwal cu ocazia ceremoniei DHC, 10 Iulie 2015.

13. Membru in Scientific Committee of **MITAV 2015**, 18-19 Iunie 2015 (**Mathematics, Information Technologies, and Applied Sciences** (Vědy, in Czech)) <http://mitav.unob.cz/data/MITAV%202015%20-%20invitation%20-%20English.pdf>

12. MACOS 2014, International Conference on Mathematics and Computer Science, Iunie 26-28 2014, Braşov, Romania, membru in Comitetul de organizare,
http://www.unitbv.ro/fmi/CercetareStiintifica/Manifestari/MACOS/Organizing_Committee.aspx

11. Workshop on Algebraic and Analytic Number Theory and Their Applications, 23-24 mai 2013, Universitatea Ovidius Constanta-Co-organizator , PN-II-ID-WE-2012-4-161,
(<http://math.univovidius.ro/Workshop/2013/Number-Theory/>)

10. Organizator al conferintei *A new approach in theoretical and applied methods in algebra and analysis*, 4-6 Aprilie 2013, Universitatea Ovidius, Constanta, PN-II-ID-WE-2012-4-169, Constanta,
<http://math.univ-ovidius.ro/default.aspx?cat=Evenimente>
<http://amaa-2013.wikispaces.com/home>

9. High Performance Computing and Cloud Computing for Sustainable Development, 16 Septembrie 2011, Constanta, Romania.

8. AGIR(The General Association of Engineers in Romania)-Simpozionului stiintific **PROGRESUL TEHNOLOGIC - REZULTAT AL CERCETARII**, 29 Aprilie 2011, Bucuresti, cu prezentare.

http://www.agir.ro/stiri.php?id_stire=268

<http://www.agir.ro/simpozion-progresul-tehnologic.php>

7. The 17th Conference of Applied and Industrial Mathematics(CAIM 2009), 17-20 Septembrie, 2009, Constanta, cu prezentare.

(<http://www.anmb.ro/ro/conferinte/caim2009/eng/participanti.html>)

6. TENSOR Conference, Constanta, 2008, cu prezentare (<http://www.univ-ovidius.ro/math/tensor/2008/PosterAbstracts.pdf>)

5. The International Conference of Differential Geometry and Dynamical Systems (DGDS-2008) and The V-th International Colloquium of Mathematics in Engineering and Numerical Physics (MENP-5) (29.08.2008-2.09.2008, Mangalia-Romania)(cu prezentare). <http://www.mathem.pub.ro/dept/dgds-08/conf.htm> si <http://www.mathem.pub.ro/dept/dgds-08/conf.htm> , and http://admin-apps.webofknowledge.com/JCR/JCR?RQ=LIST_SUMMARY_JOURNAL&cursor=41

4. 2007-Workshop on Combinatorics and Commutative Algebra II, 26-31 August, Thessaloniki, Greece.

3. 2006-Ring and Category of Modules, 16-18 decembrie 2007, Bressanone, Italia,cu prezentare.

2. 2006, August- National School of Cryptography (Scoala Nationala de Criptografie), Vatra-Dornei, cu prezentare.

1. 3-6 Septembrie 2003, CEROPA, Constanta (CEROPA-Prima Conferinta de Cercetari Operationale si Aplicatii);

CURSURI FINALIZATE

Cursul

1. **Standarde si linii directoare europene pentru asigurarea calitatii in invatamantul superior, modulul 1-Asigurarea interna a calitatii** organizat de ARACIS, in cadrul proiectului ” Sistem de eEducatie pentru evaluarea calitatii in invatamantul superior din Romania (SeECIS)”, SMIS/CSNR 23401, cofinantat din Fondul European de Dezvoltare Regionala prin Programul Operational Sectorial ” Cresterea Competitivitatii Economice”, Noiembrie 2016. (cu certificat de participare)
2. Cursul **Standarde si linii directoare europene pentru asigurarea calitatii in invatamantul superior, modulul 2-Asigurarea externa a calitatii** organizat de ARACIS, in cadrul proiectului ” Sistem de eEducatie pentru evaluarea calitatii in invatamantul superior din Romania

- (SeECIS)”, SMIS/CSNR 23401, cofinantat din Fondul European de Dezvoltare Regionala prin Programul Operational Sectorial ” Cresterea Competitivitatii Economice”, Aprilie 2017. (cu certificat de participare)
3. Cursul **Standarde si linii directoare europene pentru asigurarea calitatii in invatamantul superior, modulul 3-Asigurarea calitatii agentilor** organizat de ARACIS, in cadrul proiectului ” Sistem de eEducatie pentru evaluarea calitatii in invatamantul superior din Romania (SeECIS)”, SMIS/CSNR 23401, cofinantat din Fondul European de Dezvoltare Regionala prin Programul Operational Sectorial ” Cresterea Competitivitatii Economice”, Aprilie 2017. (cu certificat de participare)
 4. Curs instruire ARACIS- *Studiu de caz: Evaluare program de studii universitare de licenta, forma cu frecventa*, august 2016
 5. Curs instruire ARACIS- *Studiu de caz: Evaluare externă a calității la nivel instituțional*, august 2016
 6. Curs instruire ARACIS- *Proceduri privind acreditarea/evaluarea externa periodica a domeniilor de studii universitare de master*, august 2016
 7. Cursul **Standardele specifice pentru anul pregatitor de limba romana pentru cetatenii straini** organizat de ARACIS, in cadrul proiectului ” Sistem de eEducatie pentru evaluarea calitatii in invatamantul superior din Romania (SeECIS)”, SMIS/CSNR 23401, cofinantat din Fondul European de Dezvoltare Regionala prin Programul Operational Sectorial ” Cresterea Competitivitatii Economice”, Octombrie 2017. (cu certificat de participare)
 8. Cursul **Evaluarea externă a programelor de studii universitare de masterat** organizat de ARACIS, in cadrul proiectului ” Sistem de eEducatie pentru evaluarea calitatii in invatamantul superior din Romania (SeECIS)”, SMIS/CSNR 23401, cofinantat din Fondul European de Dezvoltare Regionala prin Programul Operational Sectorial ” Cresterea Competitivitatii Economice”, 10 aprilie 2018. (cu certificat de participare).
 9. Cursul **Evaluarea externă periodică a domeniilor de studii universitare de master** organizat de ARACIS, in cadrul proiectului ” Sistem de eEducatie pentru evaluarea calitatii in invatamantul superior din Romania (SeECIS)”, SMIS/CSNR 23401, cofinantat din Fondul European de Dezvoltare Regionala prin Programul Operational Sectorial ” Cresterea Competitivitatii Economice”, 10 aprilie 2018. (cu certificat de participare).
 10. Cursul **Sinteza principalelor modificari - Metodologia de evaluare externa** organizat de ARACIS, in cadrul proiectului ” Sistem de eEducatie pentru evaluarea calitatii in invatamantul superior din Romania (SeECIS)”, SMIS/CSNR 23401, cofinantat din Fondul European de Dezvoltare Regionala prin Programul Operational Sectorial ” Cresterea Competitivitatii Economice”, 12 aprilie 2018. (cu certificat de participare).
 11. Cursul **Oferta sistemului de învățământ superior versus absolvenții de liceu** organizat de ARACIS, in cadrul proiectului ” Sistem de eEducatie pentru evaluarea calitatii in invatamantul superior din Romania (SeECIS)”, SMIS/CSNR 23401, cofinantat din Fondul European de Dezvoltare Regionala prin Programul Operational Sectorial ” Cresterea Competitivitatii Economice”, 19 aprilie 2018. (cu certificat de participare).
 12. Cursul **Stadiul implementării Strategiei 2020 pentru învățământul terțiar date statistice 2016** organizat de ARACIS, in cadrul proiectului ” Sistem de eEducatie pentru evaluarea calitatii in invatamantul superior din Romania (SeECIS)”, SMIS/CSNR 23401, cofinantat din Fondul European de Dezvoltare Regionala prin Programul Operational Sectorial ” Cresterea Competitivitatii Economice”, 20 aprilie 2018. (cu certificat de participare).

13. Cursul **Diagnoza domeniilor și a programelor de masterat în date statistice** organizat de ARACIS, în cadrul proiectului ” Sistem de eEducație pentru evaluarea calitatii în învățământul superior din România (SeECIS)”, SMIS/CSNR 23401, cofinanțat din Fondul European de Dezvoltare Regională prin Programul Operațional Sectorial ” Creșterea Competitivității Economice”, 21 aprilie 2018. (cu certificat de participare).
14. Cursul **Studii universitare de doctorat în date statistice** organizat de ARACIS, în cadrul proiectului ” Sistem de eEducație pentru evaluarea calitatii în învățământul superior din România (SeECIS)”, SMIS/CSNR 23401, cofinanțat din Fondul European de Dezvoltare Regională prin Programul Operațional Sectorial ” Creșterea Competitivității Economice”, 21 aprilie 2018. (cu certificat de participare).
15. Cursul **Standarde specifice privind evaluarea externă a calității academice a programelor de studii de master aferente comisiei de specialitate Științe administrative ale educației și psihologie** organizat de ARACIS, în cadrul proiectului ” Sistem de eEducație pentru evaluarea calitatii în învățământul superior din România (SeECIS)”, SMIS/CSNR 23401, cofinanțat din Fondul European de Dezvoltare Regională prin Programul Operațional Sectorial ” Creșterea Competitivității Economice”, 24 MAI 2018. (cu certificat de participare).

Granturi de mobilități

1) **China-France Summer School: Conference on Operads and Universal Algebra**, 21 June-9 July 2010, Capital Normal University, Beijing și Chern Institute of Mathematics, Nankai University, Tianjin, China (obținut, dar neutilizat).

MEMBRU ÎN:

- a. **AMS**(American Mathematical Society), since 2006;
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