



ELENA-CRISTINA FLAUT

Professor

Faculty of Mathematics and Computer Science,
Ovidius University ,
Bd. Mamaia 124, 900527, Constanta, ROMANIA

CONTACT

e-mail:

cflaut@univ-ovidius.ro ; cristina_flaut@yahoo.com

<https://www.cristinaflaut.com/>

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_S_patiu.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/>)

-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=fe8520d1507405e04a2e2ee6248058f89eccc22a&wtkps=XY1RCslWDEDvkm+HTdPYLr3DEDyBrJONqWxWHEy8u239EP1KCO+9HMXXMwoLLPfxHMEP4lgxO/ZRSCAOAfKWgBONJvTOTI/VzBxb3CGvFZs23i5VvRJ3fUZRYMhTCzDCp9KGUkasM2AFQpiu+8OWrNJO08WuGEn9XjYakOmRkEqWi9X8OagEfsH0d+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=XY5BDoIwEEXvMmvFTktTGO5gTDwBUtSRAoYiXRjvbkLo6v5mfz3Zmoy9PSkCcLcOQ8Vk8xRmlKUISdF4NICTLkgQOOvbIrZOX9z9j6ogUO53Hu5xWvZyIvYdt108mbtlwGvUxJohI+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+cTztSYmsvAohi2gE9fvZZYiSEAKp1spoHf4cFAy/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

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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>
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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>

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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>
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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>
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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.
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1. Cristina Flaut, *O particularizare a reciprocei Lemei lui Schur*, Analele Stiintifice ale Universitatii "Ovidius" Constanta, Seria Matematica, **8(1)**(2000), 71-76
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Participari la Conferinte/Workshop-uri

82. *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/>
81. *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
80. Webex, Știi că Web of Science nu conține doar publicații? , 27 Noiembrie 2018.
79. Webex, Web of Science, o scurtătură spre textul integral, 21 Noiembrie 2018.
78. Webex, Publons pentru cercetători: promovează activitatea ta de peer-review 14 Noiembrie 2018.
77. Webex Clarivate Analytics , Clarivate Analytics APIs: datele Web of Science disponibile din afara platformei Web of Science (18 octombrie ora 11.00 - 11.45).
76. Webex Clarivate Analytics, De la identificarea Open Access la analize performante: noutățile Web of Science (11 octombrie ora 11.00 - 11.45).
75. Webex Clarivate Analytics, Cercetarea undelor gravitaționale (5 octombrie ora 11.00 - 11.45).
74. Webex Clarivate Analytics, Web of Science: Colaborarea in cercetare: de ce conteaza? , 4 Septembrie 2018

73. Webex Clarivate Analytics, Web of Science: De la descoperire la publicare, Web of Science pentru cercetători, 7 Septembrie 2018
72. Webex Clarivate Analytics, Web of Science: O combinație eficientă de brevete, publicații, date de cercetare, pentru o descoperirea bibliografică de neegalat, 12 Septembrie 2018
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70. Webex Clarivate Analytics, InCites cuprinde acum peste 2,2 milioane de înregistrări din reviste emergente, 5 iulie, 2018.
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67. 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/>
66. 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
65. Webex Clarivate Analytics, *Cum să utilizați Web of Science pentru a măsura publicațiile Open Access*, 11 iunie 2018
64. Webex Clarivate Analytics, *Unde ar trebui să public ? Web of Science, Journal Citation Reports și EndNote pentru luarea deciziilor de publicare a articolelor*, 8 iunie 2018
63. Webex Clarivate Analytics, *Aflați cum să accesați textul gratuit legal pentru peste 10 milioane de articole*, 31 mai 2018
62. Webex Clarivate Analytics, *Publons pentru cercetători*, 29 mai 2018
61. Webex Clarivate Analytics, *Eliberați potențialul Citation Connection*, 9 mai 2018
60. Webex Clarivate Analytics, *Cum analizăm datele din Web of Science?*, 10 aprilie 2018
59. Webex Clarivate Analytics, *Noi funcții în Web of Science*, 5 aprilie 2018
58. Webex Clarivate Analytics, *Aflați cum să creați un profil autor (ORCID / ResearcherID)*, 4 aprilie 2018
57. Webex Clarivate Analytics, *Publons*, 29 martie 2018

56. Webex Clarivate Analytics, *Web of Science Core Collection pentru începători*, 28 martie 2018.
55. Webex Clarivate Analytics, *InCites Benchmarking & Analytics pentru începători*, 19 martie 2018.
54. Webex Clarivate Analytics, *Descoperiți cercetări noi și emergente prin Emerging Sources Citation Index*, 12 martie 2018.
53. Webex Clarivate Analytics , *Aflați cum să creați și să consolidați un profil autor (ORCID / RID) pentru a fi în conformitate cu cerințele pentru autori al editorilor și al finanțatorilor*, 23 februarie 2018.
52. Webex Clarivate Analytics , *Cum se pot identifica sursele de finanțare ?*, 19 februarie 2018.
51. Webex Clarivate Analytics , *Moștenirea lui Eugene Garfield - aflați despre istoria unică a Web of Science*, 9 februarie 2018.
50. Webex Clarivate Analytics, *Importanța și beneficiile utilizării unui Author ID (ResearcherID & ORCID)*, 8 februarie 2018.
49. Webex Clarivate Analytics , *Web of Science Core Collection pentru începători*, 6 februarie 2018.
48. Webex Clarivate Analytics, *Aflați cum să dezvoltați o bibliotecă de referințe și să vă gestionați referințele cu EndNote Online*, 26 Ianuarie 2018.
47. Webex Clarivate Analytics, *Aflați cum să creați și să lucrați cu seturi de date personalizate în incites*, 25 Ianuarie 2018.
46. Webex Clarivate Analytics, *Aflați cum Clarivate creează milioane de noi linkuri către articolele Open Access pentru a sprijini revoluția Open Science*, 22 Ianuarie 2018.
45. Webex Clarivate Analytics, *Descoperiți cercetări noi și emergente prin Emerging Sources Citation Index(2)*, 15 Decembrie 2017.
44. Webex Clarivate Analytics, *Importanța și beneficiile utilizării unui Author ID*, 13 Decembrie 2017.
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42. Webex Clarivate Analytics, *Noi funcții în Web of Science*, 29 Noiembrie 2017.
41. Webex **Web of Science – Essential Science Indicators**, *Cum să descoperiți cercetări emergente și de top folosind Research Fronts și indicatorii Highly Cited*, 28 Noiembrie 2017.
40. Workshop Clarivate Analytics: PLATFORMELE WEB OF SCIENCE & INCITES, 23 Noiembrie, 2017, Biblioteca Universitatii Politehnice din Bucuresti.
39. Webex Clarivate Analytics. *Descoperiți cercetări noi și emergente cu Emerging Sources Citation Index*, 15 Noiembrie 2017.

38. Webex ClarivateAnalytics, *Web of Science Core Collection pentru incepatori*, 8 Noiembrie 2017.
37. Webinar Web of Science, *Noi funcții în Web of Science*, 23 Octombrie 2017.
36. Webinar Web of Science, *Cum se efectuează o căutare completă în Web of Science*, 19 Octombrie 2017.
35. Webinar Web of Science, *Identificați jurnalele cu cel mai mare impact din disciplina dvs. de cercetare și decideți unde să publicați*, 28 Septembrie 2017.
34. Webinar Web of Science, *Depășiți limitele căutării cu cuvinte cheie și eliberați potențialul rețelei Citation Network*, 26 Septembrie 2017.
33. *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 prezentată Marti, 15 August 2017, orele 17.30-17.50, în cadrul Sesiunii nr.2, Sala 6.
Am fost **Chair** în cadrul unei sesiuni dedicată invitaților speciali, Marti 15 August 2017, orele 14-14.45, http://www.iecmsa.org/dosyalar/conference_program_booklet_2017.pdf. În calitate de membru în comitetul de organizare, am avut onoarea să am Cuvântul de deschidere și Cuvântul de închidere pentru această conferință.
32. *Recent Trends in Pure and Applied Mathematics (TREPAM-2017)*, Alba-Iulia, România, 31 Iulie 2017-5 August 2017, participant în 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 prezentată Miercuri, 2 August 2017, orele 12.30-13, în cadrul unei sesiuni dedicată invitaților speciali (Main Speakers). Am fost **Chair** pentru două secțiuni: *Special Invited Sessions* (A6 Amphitheatre), Marti, 1 August 2017, orele 14-15 și *Session 10* (A6 Amphitheatre), Vineri, 4 August 2017, orele 11.30-12.50.
31. Webex Enformation-ISI Thomson: *Improving Journal Editorial Processes With ScholarOne Manuscripts* (ScholarOne despre procesul editorial și facilitățile oferite de ScholarOne Manuscripts), 31 mai 2017, https://www.e-nformation.ro/events/webex-improving-journal-editorial-processes-scholarone-manuscripts?utm_source=E-nformation+mailing+list&utm_campaign=d45c024412-webex_ScholarOne_list1&utm_medium=email&utm_term=0_1fac41ed8c-d45c024412-308101869
30. Webinar Scopus: *Cum funcționează profilul de autor? - Scopus Webinar*, 23 Mai 2017.
29. Webinar Scopus: *Indicatori bibliometrici pentru articol, autor și publicație - Scopus Webinar*, 27 Aprilie 2017.
28. Workshop-ul *Soluții Pentru Publicarea Lucrărilor De Cercetare Și Susținerea Procesului De Selecție A Revistelor În România*, 26 Aprilie 2017, București, România <http://www.e-nformation.ro/events/workshop-solutii-pentru-publicarea-lucrarilor-de-cercetare-si-sustinerea-procesului-de-selecție-revistelor-romania>
27. Sesiune de formare organizată de ARACIS, în perioada 23-24 februarie 2017, la Universitatea "Transilvania" din Brașov, <http://www.aracis.ro/publicatii/publicatii-aracis/>
<http://www.aracis.ro/info/noutati/evenimente/single-news/view/-4831d0817e/247/>

26. 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>
25. MAOCOS 2016, **International Conference on Mathematics and Computer Science, 8-10 Septembrie 2016, Brașov, 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**
24. 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
23. Organizator al Conferintei in onoarea Profesorului Ravi P Agarwal cu ocazia ceremoniei DHC, 10 Iulie 2015.
22. Membru in Scientific Committee of **MITAV 2015**, 18-19 Iunie 2015 (**M**athematics, **I**nformation **T**echnologies, and **A**ppplied Sciences (Vědy, in Czech)) <http://mitav.unob.cz/data/MITAV%202015%20-%20invitation%20-%20English.pdf>
21. MACOS 2014, International Conference on Mathematics and Computer Science, Iunie 26-28 2014, Brașov, Romania, membru in Comitetul de organizare, http://www.unitbv.ro/fmi/CercetareStiintifica/Manifestari/MACOS/Organizing_Committee.aspx
20. 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/](http://math.univovidius.ro/Workshop/2013/Number-Theory/))
19. 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>
18. **High Performance Computing and Cloud Computing for Sustainable Development**, 16 Septembrie 2011, Constanta, Romania.
17. 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-tehнологic.php>
16. The 17th Conference of Applied an Industrial Mathematics(CAIM 2009), 17-20 Septembrie, 2009, Constanta, cu prezentare. (<http://www.anmb.ro/ro/conferinte/caim2009/eng/participanti.html>)

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

14. 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

13. Mathematics and Computer in Business and Economics, the 9th WSEAS International on Mathematics and Computer in Business and Economics(MCBE'08), Bucuresti, 24-26 Iunie 2008, cu prezentare. (www.wseas.org.)

12. 2007, 5-10 Septembrie- The XVIth National School of Algebra (Scoala nationala de algebra, editia a- XVI-a) , Constanta, participant si organizator. (<http://math.univ-ovidius.ro/sna/rom/ed16.html>)

- 11.2007-Workshop on Combinatorics and Commutative Algebra II, 26-31 August, Thessaloniki, Greece.

10. 2006-Ring and Cathegory of Modules, 16-18 decembrie 2007, Bressanone, Italia,cu prezentare.

9. 2006, August- National School of Cryptography (Scoala Nationala de Criptografie), Vatra-Dornei, cu prezentare.

8. 3-6 Septembrie 2003, CEROPA, Constanta (CEROPA-Prima Conferinta de Cercetari Operationale si Aplicatii);

7. 2001, Septembrie - The XXVth Solid Mechanics Conference (A- XXV-a Conferinta de Mecanica Solidelor) , Constanta, cu prezentare.

6. 2000, August- Euro-Conference : „ Rings, Modules and Representations”, Constanta.

5. 2000, August –NATO- ARW Representation Theory, Constanta;

4. 2000, Mai - Annual Conference of Romanian Mathematical Society (Participant la Conferinta Anuala a Societatii de Stiinte Matematice din Romania), Constanta, cu prezentare.

3. 1996, Septembrie - Conference of Algebraic Geometry, Commutative Algebra and Computational Algebra(Conferinta de Geometrie Algebrica, Algebra Comutativa si Algebra Computationala), Constanta.

2. 1995, Octombrie – Representation Theory of Groups and Algebras International Conference of Representation Theory, Constanta(http://www.anstuocmath.ro/mathematics/pdf-1/1996_v4_f1_new.pdf).

- 1.1994, 22-25 Septembrie - Conferinta Nationala de Algebra (National Conference of Algebra) , Constanta.

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, 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", 21 aprilie 2018. (cu certificat de participare).
14. Cursul **Studii universitare de doctorat în date statistice** 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", 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, 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", 24 MAI 2018. (cu certificat de participare).

Granturi de mobilitati

1) **China-France Summer School: Conference on Operads and Universal Algebra**, 21 June-9 July 2010, Capital Normal University, Beijing si Chern Institute of Mathematic, Nankai University, Tianjin, China (obtained, but unused).

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- a. **AMS**(American Mathematical Society), since 2006;
- b. **Reviewer at Math Review**, since 2006;
- c. **Reviewer at Zentralblatt fur Mathematik**, since 2011.

MEMBRU IN EDITORIAL BOARD

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3. Research and Communications in Mathematics and Mathematical Sciences, Jyoti Academic Press, INDIA.
http://jyotiacademicpress.net/editorial_board_research_and_communication_in_math_and_sci.html
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REFERENT INVITAT(selectie):

- i) **The Royal Society of Edinburgh Proceedings A**, since December 2010 (
- ii) **University Politehnica of Bucharest, Scientific Bulletin Series A – Applied Mathematics and Physics** / Universitatea Politehnica din Bucuresti, Buletin Stiintific Seria A - Matematica si Fizica Aplicata, since July 2010, ISI journal.
- iii) **Kuwait Journal of Science and Engineering** since March 2012, ISI journal
- iv) **Adv. Appl. Clifford Algebras**, ISI Journal
- v) **Journal of Symbolic Computations**, ISI journal
- vi) **Linear and multilinear algebra**, ISI journal
- vii) **INFORMATICA- LITHUANIA**, ISI journal