

Facultatea de Matematica si Informatica

Raport cercetare 2014

I. Articole acceptate spre publicare in 2014 in reviste cotate ISI(link, DOI)(ordine alfabetica dupa autorii din FMI)

1. **George Cirlig**, Dan Lascu, *On the metrical theory of a non-regular continued fraction expansion*, Anale Universitatii Ovidius din Constanta, 23, 2 (2015), 14p. **2013-IF=0.23**
2. **C. Costara**, *Automatic continuity for linear surjective maps compressing the point spectrum*, va apare in Operators and Matrices; **2013-IF=0.509**.
3. **V. Ene**, A. Zarojanu, *On the regularity of binomial edge ideals*, Math. Nachr. 288(1) 2015, 19—24. DOI 10.1002/mana.201300186; **2013-IF=0.658**.
4. **V. Ene**, J. Herzog, T. Hibi, *Linearly related polyominoes*, va aparea in J. Algebraic Combin. DOI 10.1007/s10801-014-0560-3 ; **2013-IF=0.721**.
5. **Cristina Flaut**, *BCK-algebras arising from block codes*, accepted in J. Intell. Fuzzy Syst., <http://www.iospress.nl/journal/journal-of-intelligent-fuzzy-systems/>
<http://iospress.metapress.com/content/777358024t204010/?p=552f19d2882f4cdeb87191599d60448c&pi=0> **2013-I F=0.936**
6. **Cristina Flaut** and Vitalii Shpakivskyi, *An Efficient Method for Solving Equations in Generalized Quaternion and Octonion Algebras*, accepted in Adv. Appl. Clifford Algebras, 2013-IF=0.530, <http://link.springer.com/article/10.1007/s00006-014-0493-x>
DOI: 10.1007/s00006-014-0493-x **2013-I F=0.53**
7. **Cristina Flaut** and **Diana Savin**, *Some examples of division symbol algebras of degree 3 and 5*, accepted in Carpathian J. Math, (2)(2015), 2013-IF=0.642,
<http://carpathian.ubm.ro/?m=Articles-in-Press>
2013-I F=0.642
8. **Cristina Flaut** and Vitalii Shpakivskyi, *Holomorphic functions in generalized Cayley-Dickson algebras*, accepted in Adv. Appl. Clifford Algebras, **2013-IF=0.530**,

<http://link.springer.com/article/10.1007/s00006-014-0479-8> DOI: 10.1007/s00006-014-0479-8 ;
2013-IF=0.53

9. Alexandru Dimca, Denis Ibadula, Anca Daniela Macinic, Pencil type line arrangements of low degree: classification and monodromy, Ann. Sc. Norm. Super. Pisa Cl. Sci., to appear, pp.20,
DOI Number: 10.2422/2036-2145.201306_003; 2013- IF=0.906

10. L.Lita, E. Pelican, A Low-Rank Tensor-Based Algorithm for Face Recognition, Appl. Math. Modelling, 39(3-4), 2015, 1266-1274, DOI: 10.1016/j.apm.2014.08.003,
<http://www.sciencedirect.com/science/article/pii/S0307904X1400393X> ; **2013- IF=2.158**

11. Popa C., Preclik T., Ruede U., Regularized solution of LCP problems with application to rigid body dynamics, published online in Numerical Algorithms, DOI: 10.1007/s11075-014-9886-0 26.06.2014; **2013-IF=1.005.**

12. Vernic, R. – On the distribution of a sum of Sarmanov distributed random variables. Online first in Journal of Theoretical Probability, DOI: 10.1007/s10959-014-0571-y. IF 2013: 0.792.

13. Raducan, A.-M., Vernic, R. and Zbaganu, Gh. – Recursive calculation of ruin probabilities at or before claim instants for non-identically distributed claims. Online first in ASTIN Bulletin, DOI: <http://dx.doi.org/10.1017/asb.2014.30>. IF 2013: 0.612

II. Articole publicate in 2014 in reviste cotate ISI(link, DOI) (ordine alfabetica dupa autorii din FMI)

1.C. Costara, Local spectrum linear preservers at non-fixed vectors, Linear Algebra Appl., Vol. 457 (2014), p. 154-161. **2013-IF=0.983**
<http://www.sciencedirect.com/science/article/pii/S002437951400322X>

2. C. Costara, Surjective maps on matrices preserving the local spectral radius distance, Linear Multilinear Algebra, Vol. 62 (2014), p. 988-994; **2013-IF=0.7**
<http://www.tandfonline.com/doi/abs/10.1080/03081087.2013.801967#.UpHZeXC8D5A>

3. C. Costara, Unital invertibility-preserving linear maps into matrix spaces, J. Math. Anal. Appl., Vol. 412 (2014), p. 99-102; **2013-IF=1.119**
<http://www.sciencedirect.com/science/article/pii/S0022247X13009608>

4. E.-M. Craciun, T. Sadowski, A. Rabaea, Stress concentration in an anisotropic body with three equal collinear cracks in Mode II of fracture. I. Analytical study, Z Angew. Math. Mech, ZAMM, **94** (9), p.721-729, (2014) ; **2014-IF=1.008**

5. **V. Ene**, J. Herzog, T. Hibi, A. Qureshi, The binomial edge ideal of a pair of graphs, Nagoya Math. J. 213 (2014), 105-125. DOI:10.1215/00277630-2389872; 2013-IF=**0.771**.
6. **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; **2013-I F=0.634**
7. **Cristina Flaut** and **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
http://imar.ro/journals/Mathematical_Reports/volumes.html **2013-IF=0.086**
8. Edwin Leon Cardenal, **Denis Ibadula**, Dirk Segers, *Poles of the Igusa local zeta function of some hybrid polynomials*, Finite Fields and Their Application, Volume 25, January 2014, 37--48;
http://www.sciencedirect.com/science?_ob=ArticleListURL&_method=list&_ArticleListID=-715097834&_sort=r&_st=13&view=c&md5=3d29b99ac319ca9e0e6c9bd9f29ade7f&searchtype=a **2013-IF=0.459**
9. **L. Lita**, **E. Pelican**, *Customized Orthogonalization via Deflation Algorithm with Application in Face Recognition*, Carpathian J. of Mathematics, 30(2), 2014, 231 - 238.
http://carpathian.ubm.ro/?m=past_issues ; **2013-I F=0.642**
10. Censor Y., **Pantelimon I.**, **Popa C.**, *Family Constraining of Iterative Algorithms*, Numerical Algorithms, 66(2)(2014), 323-338; **2013-IF= 1.005**;
11. **Dumitru Popa**, *A double Mertens type evaluation*, J. Math. Anal. Appl., 409(2), 1159-1163, (2014). **2013-IF =1,119**;
12. **Dumitru Popa**, *Multiple summing, dominated and summing operators on a product of l_1 spaces*, Positivity, 18, No. 4, 751-765, (2014). **2013-IF= 0,682**;
13. **Dumitru Popa**, *Remarks on multiple summing operators on $C(\Omega)$ -spaces*, **Positivity** 18, No. 1, 29-39 (2014). **2013-IF= 0,682**;
14. **Dumitru Popa**, *Almost summing and multiple almost summing operators on l_p spaces*, **Arch. Math.** 103, No. 3, 291-300 (2014). **2013-IF= 0,479**;
15. **Dumitru Popa**, *Composition results for strongly summing and dominated multilinear operators*, **Central European J. Math.** 12, No. 10, 1433-1446 (2014). **2013-IF= 0,519**;
16. **Dumitru Popa**, *2-summing operators an $l_2(X)$* , Operators and matrices, 8, No. 4, 1095–1105 (2014). **2013-IF= 0,509**;

17. Dumitru Popa, *Multiple summing operators on lp spaces*, Studia Math. 225 No.1, (2014), 9-28. **2013-IF =0,63**;

18. Popa C., Serban C., *Regularized solution of LCP problems with application to rigid body dynamics*, Applied Mathematics and Computation, **246 (2014)**, 247 - 256; **2013-IF =1.600**

19. Juncu Gh., Nicola A., Popa C., Stroila E. , *Preconditioned conjugate gradient and multi-grid methods for numerical solution of multi-component mass transfer equations: II. Convection-diffusion-reaction equations*, Numer. Heat Transfer A **66 (11) (2014)**, 1297 -1319; **2013-IF=1.847**

20. Juncu Gh., Nicola A., Popa C., Stroila E. - *Preconditioned conjugate gradient and multi-grid methods for numerical solution of multi-component mass transfer equations: I. Diffusion-reaction-equations*, Numer. Heat Transfer A 66 (11) (2014), 1268 - 1296 ; **2013-IF = 1.847**

21. Pomparau I., Popa C., *Supplementary projections for the acceleration of Kaczmarz algorithm*, Applied Mathematics and Computation, 232C(2014), 104-116; DOI: 10.1016/j.amc.2014.01.098; **2013-IF = 1.600**

22. Jebelean P., Popa C., *Numerical solutions to singular ϕ -Laplacian with Dirichlet boundary conditions*, Numerical Algorithms, 67(2) (2014), 305-318; **2013- IF=1.005**

23. D. Savin, *About some split central simple algebras*, An. Șt. ale Universitatii „Ovidius“ of Constanta, Romania, Ser. Mat. XXII (2014), f.1, p.263-272; **2013-IF= 0, 23.**

III. Articole acceptate spre publicare in 2014 in reviste BDI(ordine alfabetica dupa autorii din FMI)

Ungureanu, D. and **Vernic, R.** (2014), *On a fuzzy cash flow model with insurance applications*. Online first in Decisions in Economics and Finance, DOI: 10.1007/s10203-014-0157-2.

IV. Articole publicate in 2014 in reviste BDI(link)(ordine alfabetica dupa autorii din FMI)

1.G. Cirlig, E-M Craciun, I. Nicolae, B. Radoiu, *Cracked pre-stressed elastic composite subjected by sliding forces. Mathematical modelling*, Key Engineering Materials, 601 (2014) 96-99. <http://www.scientific.net/KEM.601.96>

2. EM Craciun, I Nicolae, B Radoiu, G Carlig, L Mateescu, *Cracked Pre-Stressed Elastic Composite Subjected by Sliding Forces I. Mathematical Modelling*, Key Engineering Materials 601, p. 96-99 (2014)

3. EM Craciun, T Sadowski, L Marsavina, A Rabaea, *Mathematical Aspects Regarding Cracks Behaviour in Wood Composites*, Key Engineering Materials 601, p.108-111, (2014)

4. 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

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

6. L. Lita, E. Pelican, *A Comparative Study of Some Algorithms ffor Face Recognition*, ROMAI J, Vol 1(2014), 93-104.
http://rj.romai.ro/index.php?option=com_content&view=article&id=96&Itemid=56

7. E. Petac, A. R. Alzoubaidi, D. Prodan-Palade, *Fundamentals of Smart Geolocation Solutions for Business*, Ovidius University Annals, Economic Sciences Series, 2014, vol. XIV, Issue 1, pp.513-518, Cod CNCISIS 444, Ovidius University Press, Constanta, Romania, ISSN 1582-9383.

8. Dumitru Popa, *The limit of some sequences of double integrals on the unit square*, Gazeta Matematica Seria A, Nr.1-2, 19-26 (2014).

9. Dumitru Popa, *The limit, the continuity and the Frechet differentiability of some functions on R^n* , Gazeta matematica seria A, Nr. 3-4, (2014)

10. D. Savin, *Fibonacci primes of special forms*, J. Notes on Number Theory and Discrete Mathematics, vol. 20, 2014, no.2, p. 10-19.

V. Articole acceptate spre publicare in 2014 in Proceedings-ul unor conferinte cotate ISI(link) (ordine alfabetica dupa autorii din FMI)

VI. Articole publicate in 2014 in Proceedings-ul unor conferinte cotate ISI(link)

1.Denis Ibadula, Anca Daniela Macinic, *Some Remarks on the Realizability Spaces of (3, 4)-nets*, Bridging Algebra, Geometry and Topology, Springer Proceedings in Mathematics & Statistics, Volume 96, Springer Verlag, New York 2014, 159--166;
<http://www.springer.com/mathematics/algebra/book/978-3-319-09185-3>

2. Dorin M. Popovici, Felix G. Hamza-Lup, Crenguța M. Bogdan, Elena Băutu, Cristian M. Corleancă, Utilizarea feedback-ului haptic în simularea actului medical, Conferința Națională de Interacțiune Om-Calculator – RoCHI 2014, Constanta, Editura Matrix Rom, București, ISSN: 2344-1690, pag: 75-80, 2014, http://rochi.utcluj.ro/proceedings/numar_curent.php

VII. Carti/capitole din carti publicate in edituri internationale

1.V. Ene, J. Herzog, T. Hibi, Koszul binomial edge ideals, Bridging Algebra, Geometry, and Topology, Springer Proceedings in Mathematics & Statistics, 96, D. Ibadula, W. Veys (Eds.) Springer, 2014, 127-138. Link: <http://www.springer.com/mathematics/algebra/book/978-3-319-09185-3>

2. Cristina Flaut, Diana Savin, etc. (eds.), Analele Stiintifice ale Universitatii Ovidius din Constanta, seria Matematica, 22(1), 2014, <http://www.anstuocmath.ro/volume-xxii-2014-fascicola-1> , http://www.anstuocmath.ro/mathematics//vol22-1/Invited_Eds.pdf .

3. Denis Ibadula, Willem Veys (editors), Bridging Algebra, Geometry and Topology – Proceedings of the International conference ETMAGT, Eforie Nord, Romania, June 26-30, 2013, Series Proceedings in Mathematics & Statistics, Springer-Verlag, New York, 96, 2014, xii+289 pp.;

4. Popa C., Carp D., Serban C. - Algorithms for unbalanced maritime container transportation problem. Theoretical and numerical developments, Lambert Academic Publishing - AV Akademikerverlag GmbH & Co. KG, Saarbrucken, Germany, 2014 (144 pages); ISBN 978-3-659-25427-7

VIII. Carti publicate in edituri nationale

1. George-Valentin Cirlig, Analiza dinamicii discrete a unor sisteme economice și biologice utilizând programe de software matematic, Ed. Estfalia, Bucuresti, 2014, 198 p., ISBN 978-606-8284-75-0.

2. Popovici D. M. (coordonator), Bogdan C. M., Rusu A., Chelai O., Nicola A., Medii virtuale multimodale distribuite, Editura Universitaria Craiova și Editura Prouniversitaria Bucuresti, 978-606-26-0049-5, 2014, vol 1, 354 pag.

3. Popovici D. M. (coordonator), Mancaș C., Bogdan C. M., Zaharescu E., Medii virtuale multimodale distribuite, Editura Universitaria Craiova și Editura Prouniversitaria Bucuresti, 978-606-26-0049-5, 2014, vol 2, 271 pag.

4. D.M.Popovici, *Realitate virtuala si augmentata*, Ed. Universitaria Craiova, ISBN: 978-606-14-0818-4 Ed. Pro Universitaria Bucuresti, ISBN: 978-606-647-999-8. 233 pag., 2014.

5. D.M.Popovici, M.Polceanu, *Grafica pe calculator*, Ed. MatrixRom Bucuresti, ISBN:978-606-25-0059-7, 206 pag., 2014.

IX. Granturi (de tip CNCS/UEFISCDI, ERC, etc)cu durata si valoarea lor(link)

C. Costara- Grant UEFISCDI - PN-II-RU-TE-2012-3-0042, Nr. 10/25.04.2013, **Teorie spectrala pentru operatori liniari si analiza complexa.**, Total buget (2014): 144095 Ron

C. Flaut-Membru in grantul *Sistem pentru detectie, localizare, urmarire si identificare a factorilor de risc la adresa obiectivelor de importanta strategica din zone de litoral – SSSNOC*”, PN-II-PT-PCCA 2013-4-0377, Durata proiectului: 24 luni (1 iulie 2014-30 iunie 2016)., (http://uefiscdi.gov.ro/userfiles/file/PARTENERIATE/Competitie%202013/Proiecte%20Finantate/D8_Spatiu.pdf)

X. Granturi de mobilitati cu durata lor(de exp:31 martie 2014-3 Aprilie 2014)

D. Ibadula- Grant of Secretaria de Relaciones Exteriores- Oferta de becas del Gobierno de Mexico para extranjeros, Guanajuato, Mexico, September 7-14 2014;

D. Ibadula -Training Erasmus Mobility Grant (2014), European Comision, “Ovidius” University Constanta in partnership with Katholieke University of Leuven; 12-20 Iunie 2014

D. Savin-Frobenius distributions on curves, 24-28 February 2014, CIRM workshop (Marseille, France).

XI. Premii pentru activitatea de cercetare(gen UEFISCDI-premierea rezultatelor cercetarii)(link) (a se vedea Sectiunea IX)

1. **C. Costara-PN-II_RU-PRECISI - 2014-5537**– premiarea articolelor
2. **C. Costara -PN-II-RU- PRECISI - 2014-5590** – premiarea articolelor
3. **C. Costara -PN-II_RU- PRECISI - 2014-5625**– premiarea articolelor

4. **V. Ene- PN-II-RU-PRECISI-2014-8-4745**, Premiu UEFISCDI pentru lucrarea V. Ene, J. Herzog, T. Hibi, A. Qureshi, *The binomial edge ideal of a pair of graphs*, Nagoya Math. J. 213 (2014), 105-125. DOI:10.1215/00277630-2389872
http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202014/ACTUALIZARE%2023_12_2014/Lista%201_REZULTATE%20-%20ACTUALIZATA%20-%2018_12_2014.pdf

5. **C. Flaut- PN-II- RU-PRECISI-2014-8-6330** for the paper *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
http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202014/LISTA%203%20REZULTATE.pdf (list 3 from 9 December 2014, p. 54, position 2010)

6. **L. Lita, E. Pelican, PN-II-RU-PRECISI-2014-8-4820** Customized Orthogonalization via Deflation Algorithm with Application in Face Recognition, Carpathian J. of Mathematics, 30(2), 2014, 231 - 238.
http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202014/ACTUALIZARE%2023_12_2014/Lista%201_REZULTATE%20-%20ACTUALIZATA%20-%2018_12_2014.pdf
Pozitia 514/pag 73;

7. **I.Pomparau, C. Popa- PN-II-RU-PRECISI-2014-8-5042**
http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202014/ACTUALIZARE%2023_12_2014/LISTA%202%20REZULTATE%20ARTICOLE%20actualizata%2018_12_2014.pdf

8. **I.Pomparau, C. Popa - PN-II-RU-PRECISI-2014-8-5850**
http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202014/ACTUALIZARE%2023_12_2014/LISTA%202%20REZULTATE%20ARTICOLE%20actualizata%2018_12_2014.pdf

9. **Dumitru Popa, PN-II-RU-PRECISI-2014-8-5671** *A double Mertens type evaluation*, J. Math. Anal. Appl., 409(2), 1159-1163, (2014). IF 1,119;
http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202014/ACTUALIZARE%2023_12_2014/LISTA%202%20REZULTATE%20ARTICOLE%20actualizata%2018_12_2014.pdf (pozitia 1357).

10. Dumitru Popa, PN-II-RU-PRECISI-2014-8-5709 *Remarks on multiple summing operators on $C(\Omega)$ -spaces*, **Positivity** 18, No. 1, 29-39 (2014). **IF 0,682**;
http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202014/ACTUALIZARE%2023_12_2014/LISTA%202%20REZULTATE%20ARTICOLE%20actualizata%2018_12_2014.pdf (pozitia 1395).

11. Dumitru Popa, PN-II-RU-PRECISI-2014-8-5742, *Multiple summing, dominated and summing operators on a product of l_1 spaces*, **Positivity**, 18, No. 4, 751-765, (2014). **IF 0,682**;
http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202014/ACTUALIZARE%2023_12_2014/LISTA%202%20REZULTATE%20ARTICOLE%20actualizata%2018_12_2014.pdf (pozitia 1428).

XII. Alte premii, distinctii, medalii, etc.(link)

XIII. Conferinte organizate (link);

C. Bogdan- Membru in Comitetul de organizare a conferintei nationale RoCHI 2014: "Interactiune Om-Calculator", Constanta, 4-5 septembrie 2014, <http://rochi2014.utcluj.ro/>

D.M. Popovici - The 11-th National Conference on Human-Computer Interaction, 2-4 September 2014, <http://rochi2014.utcluj.ro/>

C. Costara, D. Ibadula- Workshop for Young Researchers in Mathematics, May 2014, at Univ. Ovidius Constanta, in collaboration with IMAR Bucuresti. <http://math.univ-ovidius.ro/workshop/2014/WYRM/>

V. Ene- A XXII-a Scoala Nationala de Algebra - Algebraic and Combinatorial Applications of Toric Ideals, Bucuresti, 1-5 Sept 2014.

C. Flaut, Diana Savin- MAOCOS 2014, **International Conference on Mathematics and Computer Science, June 26-28 2014, Braşov, Romania, ORGANIZERS**,
http://www.unitbv.ro/fmi/CercetareStiintifica/Manifestari/MACOS/Organizing_Committee.aspx

E. Pelican , Popa C- 10th Workshop on Mathematical Modelling of Environmental and Life Sciences Problems, Constanta, 16 – 19 octombrie 2014.
http://www.ima.ro/workshop/tenth_workshop/index.htm
<http://www.univ-ovidius.ro/2014-manif/workshop-10th-workshop-on-mathematical-modelling-of-environmental-and-life-sciences-problems-16-19-octombrie-2014-editia-a-10-a>

XIV. Participari la conferinte(altele decat cele organizate)(link)

C. Costara, Young Functional Analysts' Meeting 2014, Debrecen, April 2014, Title: Spectral isometries on particular cases of Banach algebras

<http://www.math.klte.hu/analizis/sites/hun/lendulet/YFAM2014/program.html>

D. Ibadula- 7 September – 14 September 2014, Guanajuato, Mexico, The third international workshop on zeta functions in algebra and geometry, The Center for Research in Mathematics A.C., CIMAT, Guanajuato, Mexico; <http://www.math.cinvestav.mx/Workshop14/>

L. Lita, E. Pelican, „*A Low-Rank Tensor-Based Algorithm for Face Recognition*”, Topics in mathematical modelling of life science problems - Proceedings of the 10th Workshop on Mathematical Modeling for Environments and Life Science Problems, October 16-19, 2014, Constanta, Romania

D. Savin- International Conference on Mathematics and Computer Science (**MACOS 2014**), June 26-28 2014, Braşov, Romania, cu o prezentare;

D. Savin- Frobenius distributions on curves, 24-28 February 2014, CIRM workshop (Marseille, France).

Robe-Voinea, E. and **Vernic, R.**, *Fast Fourier Transform for multivariate aggregate losses*. A 17-a Conferință SPSR (<http://www.csm.ro/spsr/news.php?id=31>), UTCB Bucureşti, 25 aprilie 2014.

Raducan, A.-M., **Vernic, R.** and Zbaganu, Gh., *Recursive calculation of ruin probabilities at or before claim instants for non-identically distributed claims*. A 17-a Conferință SPSR, (<http://www.csm.ro/spsr/news.php?id=31>) UTCB Bucureşti, 25 aprilie 2014.

Vernic, R., *On a conjecture related to the ruin probability for nonhomogeneous insurance claims*. 10th Workshop on Mathematical Modeling of Environmental and Life Sciences Problems (http://www.ima.ro/workshop/tenth_workshop/index.htm), Ovidius University of Constanța, 16-18 octombrie 2014.

