RAPORT DE CERCETARE PENTRU PERIOADA 2011-2019

Facultatea de Matematica si Informatica

Universitatea Ovidius Constanta

1. **Articole stiintifice, publicate în reviste de specialitate recunoscute la nivel national si international**

   a) **articole ISI**

   1. **G. Badea, D. Popa**, Hilbert-Schmidt and multiple summing operators, Collectanea Mathematica vol 63, nr2, pp 181-194, (2012), IF 0.609
   2. **G. Badea,** Some multiple summing operators defined by the determinant of a matrix, Quaestiones Mathematicae vol 35, nr 1, pp 1-9, (2012), IF 0.412
   3. **G. Badea, D. Popa**, Swartz type results for nuclear and multiple 1-summing bilinear operators on c0 (X) × c0 (Y), Positivity 19 (2015), 475-487, IF 0.682
   4. **G. Badea, D. Popa**, The summing nature of the multiplication operator from lp(X) into c0 (Y), acceptat RACSAM 2016, DOI 10.1007/s13398-016-0370-7, IF 0.468
   5. **G. Badea, D. Popa**, Summing and dominated operators on a Cartesian product of C0(X) spaces, Journ. Korean Math. Soc. 54, No. 3, 967-986(2017). IF: 0, 441. https://doi.org/10.4134/JKMS.j160320
   6. **Barbulescu, Alina, and Elena Bautu**. "A hybrid approach for modeling financial time series."" Int. Arab J. Inf. Technol. 9.4 (2012): 327-335. http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.304.3095", 2012, ISI factor: 0.519
   7. **Elena Bautu and Alina Barbulescu**. "Forecasting meteorological time series using soft computing methods: an empirical study."" Applied Mathematics & Information Sciences 7.4 (2013): 1297. http://search.proquest.com/openview/d42b75f83c9a9773ace63a29fa6eaf26/1?pq-origsite=gscholar", 2013, ISI factor 1.232
   8. C. Maftei, **A. Bărbulescu,** Statistical analysis of precipitation time series in the Dobrudja region, MAUSAM, vol. 63, no. 4, October 2012, pp. 553 – 564

9. **A. Bărbulescu**, L. Barbeș, Mathematical models for inorganic pollutants in Constanța area, Romania, Revista de chimie vol. 64(7), 2013, pp.747 – 753 (ISSN 0034 – 7752)

10. **A. Bărbulescu,** L. Barbeș, Assessment of surface water quality Techirghiol Lake using statistical analysis, Revista de chimie (ISSN 0034 – 7752), vol. 64(8), 2013, pp. 868 - 874

11. J. Deguenon, **A. Bărbulescu,** Attachment observability of a rotating body-beam system, An St. Univ Ovidius Constanta, vol. 21 (3), 2013, pp. 81 - 93 (ISSN 1224-1784), http://www.anstuocmath.ro

12. **A. Bărbulescu,** Something about h-measures of sets in plane, An St. Univ Ovidius Constanta, vol. 22(1), 2014, pp. 35 -40, (ISSN 1224-1784), FI: 0,383.

13. **A. Bărbulescu,** J. Deguenon, Models for trend of precipitation in Dobrudja, Environmental Engineering and Management Journal, vol. 13(4), 2014, pp. 873-880 (ISSN 1582 – 9596)

14. **A. Bărbulescu,** J. Deguenon, Change point detection and models for precipitation evolution. Case study, Romanian Journal of Physics, vol. 59 (5-6), 2014, pp. 590 - 600, FI: 1,398.

15. L. Barbeș, **A. Bărbulescu,** C. Rădulescu, C. Stihi, E. D. Chelărescu, Determination of heavy metals in leaves and bark of Populus Nigra L by atomic absorbtion spectrometry, Romanian Reports on Physics, vol. 66 (3), 2014, pp. 877 - 886 (ISSN 1221-1451 43 822)

16. **A. Bărbulescu,** L. Barbeș, Models for the pollutants correlation in the Romanian Littoral, Romanian Reports in Physics, vol. 66(4), 2014, pp. 1189 - 1199 (ISSN 1221-145143822)

17. **A. Bărbulescu,** J. Deguenon, About the variations of precipitation and temperature evolution in the Romanian Black Sea Littoral, Romanian Reports in Physics, vol. 67(2), 2015, pp. 625 - 637

18. A. E. Sterpu, **A. Bărbulescu**, L. Barbes, C.- I. Koncsag, Modelling the mixing process of industrial and domestic wastesludge, Environmental Engineering and Management Journal, vol. 14(6), pp. 1241 - 1246.

19. **A. Bărbulescu**, C. Maftei, Modeling the climate in the area of Techirghiol Lake (Equation Chapter 1 Section 1Romania), Romanian Journal of Physics, vol. 60(7-8), 2015, pp. 1163 - 1170

20. A. - A. Neagu, C. Koncsag, **A. Bărbulescu,** E. Botez, Calculation methods for gasket plate heat exchangers used in vegetable oil manufacture. Comparative study, Revista de chimie (ISSN 0034 – 7752, vol. 66(9), 2015, pp. 1504 -1508.

21. **A. Bărbulescu,** M. Gilca, Taste of medicinal plants: a potential tool in predicting etnopharmacological activities?, Journal of Ethnopharmacology, vol. 174, 4 November 2015, pp. 464 – 473, doi:10.1016/j.jep.2015.08.040.

22. **A. Bărbulescu**, A new method for estimation the regional precipitation, Water Resources Management, vol. 30, Issue 1, pp 33-42, 2016, http://link.springer.com/article/10.1007/s11269-015-1152-2

23. **A. Bărbulescu,** L. Barbeș, Statistical Analysis and Mathematical Models for the VOCs Concentrations on the Romanian Littoral. A case study, Analytical Letters, vol. 49(3), 2016, pp. 387 – 399, http://www.tandfonline.com/doi/full/10.1080/00032719.2015.1027897

24. **A. Bărbulescu**, Modeling temperature evolution. Case study, Romanian Reports in Physics, vol. 68, no. 2, pp. 788 - 798, 2016, http://www.rrp.infim.ro/2016_68_2/A32.pdf

25. **A. Bărbulescu,** Models for temperature evolution in Constanta area (Romania), Romanian Journal of Physics, no. 3 - 4, 2016, pp. 676 - 686 http://www.nipne.ro/rjp/2016_61_3-4/0676_0686.pdf

26. C. Maftei, **A. Bărbulescu,** A.A. Cârsteanu, Long-range dependence in the time series of Taiţa River, Hydrological Sciences Journal, vol. 61, no.9, 2016, pp. 1740 - 1747, DOI: 10.1080/02626667.2016.1171869

27. **Bobe, A., Nicola, A., Popa, C.**, Weaker hypotheses for the general projection algorithm with corrections, An. St. Univ. Ovidius Constanta 23(3), 2015, 9-16, IF: 0,333.

28. Barcanescu, S., **Bobe, A., Boskoff, W.G**., On the non-generic Tzitzeica-Johnson's Configuration, An. St. Univ. Ovidius Constanta 20(2), 2012, 21-26, IF: 0,052.

29. **Bobe, A., Boskoff, W.G., Ciuca, M.G.,** Tzitzeica-Type Centro-Affine Invariants in Minkowski Spaces, An. St. Univ. Ovidius Constanta 20(2), 2012, 27-34, IF: 0,052.

30. **W.Boskoff,** B.D.Suceava, **M.Ciuca**, Revisiting the foundations of Barbilian's metrization procedure, Differential Geometry and its Applications, 29 (2011), 577–589. IF: 0.585

31. **W.Boskoff**, B.D.Suceava, Geometries Induced by Logarithmic Osscilations as Examples of Gromov Hyperbolic Spaces, Bulletin of the Malaysian Mathematical Sciences Society, Vol. XX, No. X, pp. I-i, (2015). IF: 0.854

32. **W.Boskoff,** B.D.Suceava, A Barbilian Type Semi-Distance, the Stabilizing Distance and Gromov Hyperbolic Spaces, Analele Univ, Al.I.Cuza-Seria Matematica, TOM LXII, 2016, f.2 vol.1, pp 371-379 IF: 0.108

33. D. Lascu, **G. Cîrlig**, On the metrical theory of a non-regular continued fraction expansion, Anale Universitatii Ovidius din Constanta, 23, 2 (2015), p. 147-160. IF 0.333

34. **L. Barbu,** C. Enache, A maximum principle for some fully nonlinear elliptic equations with applications to Weingarten hypersurfaces, Complex Variables and Elliptic Equations, 10/2012, 1-12, F.I. 0,5.

35. **L. Barbu,** C. Enache, A minimum principle for a soap film problem in R2, Zeitschrift für angewandte Mathematik und Physik ZAMP, 08/2013, 64(2), 321-328, F. I. 1,56.

36. **L. Barbu,** On some estimates for a fluid surface in a short capillary tube, Applied Mathematics and Computation, 04/2013, 219(15), 8192–8197, F. I. 1,34.

37. E. M. Crăciun, **L. Barbu,** Compact closed form solution of the incremental plane states in a pre-stressed elastic composite with an elliptical hole, ZAMM Journal of applied mathematics and mechanics, Volume 25, Issue 2, 2015, 193-199, F. I. 1,29.

38. **L. Barbu,** C. Enache, Maximum principles, Liouville-type theorems and symmetry results for a general class of quasilinear anisotropic equations, Advances in Nonlinear Analysis, Volume 5, Issue 4, 2016, 395–405 F. I. 1,02.

39. **L. Barbu**, C. Enache, A Liouville type theorem for a class of anisotropic equations, Analele St. Univ. Ovidius Constanta, Seria Matematica, Vol. XXIV (2016), 3, 47-59.

40. **L. Barbu,** C. Enache, On a free boundary value problem for a class of anisotropic equations, Mathematical Methods in the Applied Sciences, DOI: 10.1002/mma.4115, F. I. 1.

41. **L. Barbu,** Gh. Morosanu, Elliptic-like Regularization of a fully Nonlinear Evolution Inclusion and Applications, Communications In Contemporary   Mathematics, DOI: http://dx.doi.org/10.1142/S0219199716500371, F. I. 1, 16.

42. **C. Costara** - *On nonlinear maps preserving the reduced minimum modulus on differences of matrices*, Linear Algebra Appl. Vol. 507 (2016), p. 288-299 (IF: 0.965)

43. **C. Costara** - *Additive maps onto matrix spaces compressing the spectrum*, J. Math. Anal. Appl. Vol. 437 (2016), p. 1130-1139 (IF: 1.014)

44. **C. Costara** - *Continuous maps preserving local spectral properties*, Linear Algebra Appl., Vol. 492 (2016), p. 1-8. (IF: 0.965)

45. **C. Costara** - *Reproducing kernels for Dirichlet spaces associated to finitely supported measures*, Complex Analysis and Operator Theory, Vol. 10 Issue 6 (2016), p. 1277-1293. (IF: 0.663)

46. **Costara, C**., Holomorphic maps preserving parts of the local spectrum, Arch. Math. 105 (2015), p. 153-162. (IF. 0.394)

47. **Costara, C.**, Automatic continuity for linear surjective maps compressing the point spectrum, Operators and Matrices Vol. 9, No. 2 (2015), p. 401-405. (IF. 0.583)

48. **Costara, C**., Local spectrum linear preservers at non-fixed vectors, Linear Algebra Appl. Vol. 457 (2014), p. 154-161. (IF. 0.939)

49. **Costara, C.**, Unital invertibility-preserving linear maps into matrix spaces, J. Math. Anal. Appl. Vol. 412 (2014), p. 99-102. (IF. 1.120)

50. **C. Costara**, C., Surjective maps on matrices preserving the local spectral radius distance, Linear Multilinear Algebra, Vol. 62 (2014), p. 988-994. (IF. 0.738)

51. **Costara, C**., Ransford, T., Which de Branges-Rovnyak spaces are Dirichlet spaces (and vice-versa)?, Journal of Functional Analysis, Vol. 265 Nr. 12 (2013), p. 3204-3218. (IF. 1.322)

52. **Costara, C.,** On the automorphisms of the spectral unit ball, Proc. Amer. Math. Soc., Vol. 140, Nr. 12 (2012), p. 4181-4186. (IF. 0.681)

53. **Costara, C**., Linear Maps Preserving Operators of Local Spectral Radius Zero, Int. Eq. Oper. Theory, Vol. 73, Issue 1 (2012), p. 7-16. (IF. 0.699)

54. **Costara, C**., Maps on matrices that preserve the spectrum, Linear Algebra Appl., Vol. 435, Issue 11 (2011), p. 2674-2680. (IF. 0.939)

55. **V. Ene,** J. Herzog, S. Saeedi Madani, A note on the regularity of Hibi rings, Manuscripta Math. 148 no. 3-4 (2015), 501-506. IF 0.497

56. **V. Ene,** J. Herzog, T. Hibi, Linearly related polyominoes, J. Algebraic Combin. 41 (4), 2015, 949—968. IF 0.721

57. **V. Ene**, J. Herzog, T. Hibi, S. Saeedi Madani, Pseudo-Gorenstein and level Hibi rings, J. Algebra, 431 (2015), 138-161. IF 0.604

58. **V. Ene**, J. Herzog, T. Hibi, Linear flags and Koszul filtrations, Kyoto J. Math. 55 (2015) no.3, 517-530. IF0.709

59. F. Chaudhry, A. Dokuyucu, **V. Ene** Binomial edge ideals and rational normal scrolls, Bull. Iranian Math. Soc. 41 (2015), no. 4, 971–979. IF 0.27

60. **V. Ene**, A. Zarojanu, On the regularity of binomial edge ideals, Math. Nachr. 288 (1) (2015), 19-24. IF 0.658

61. **V. Ene**, J. Herzog, T. Hibi, A. A. Qureshi, The binomial edge ideal of a pair of graphs, Nagoya Math. J. 213 (2014), 105-125. IF 0.771

62. **V. Ene,** A. A. Qureshi, A. Rauf, Regularity of join-meet ideals of distributive lattices, Electron J. Combin. 20 (3) (2013) #P20. IF 0.532

63. **V. Ene**, T. Hibi, The join-meet ideal of a finite lattice, J. Commut. Algebra 5(2) (2013), 209-230. IF 0.52

64. **V. Ene,** A. A. Qureshi, Ideals generated by diagonal 2-minors, Comm. Algebra 41(8) (2013), 3058-3066. IF 0.388

65. **V. Ene**, R. Okazaki,   On the radical of multigraded modules, J. Algebra 388 (2013), 10-21. IF 0.604

66. **V. Ene**, J. Herzog, T. Hibi, F. Mohammadi, Determinantal facet ideals, Michigan Math. J. 62 (2013), 39 – 57. IF 0.646

67. A. Aslam, **V. Ene**, Simplicial complexes with rigid depth, Arch. Math. 99 (4) (2012), 315-325. IF 0.479

68. **V. Ene**, J. Herzog, F. Mohammadi, Monomial ideals and toric rings of Hibi type arising from a finite poset, European J. Combin. 32 (2011), no. 3, 404–421. IF 0.612

69. **V. Ene**, J. Herzog, T. Hibi, Cohen-Macaulay binomial edge ideals, Nagoya Math. J. 204, (2011), 57-68. IF 0.771

70. A. Borumand Saeid, H. Fatemidokht, **C. Flaut,** M. Kuchaki Rafsanjani, *On Codes based on BCK-algebras*,   J. Intell. Fuzzy Syst., **DOI:** 10.3233/IFS-151688 , IF-2014=1.812 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

71. **Cristina Flaut**, **Diana Savin**, *Quaternion Algebras and Generalized Fibonacci-Lucas Quaternions,* accepted in Adv. Appl. Clifford Algebras, DOI: 10.1007/s00006-015-0542-0, IF-2014=0.568 http://link.springer.com/article/10.1007/s00006-015-0542-0

72. **Cristina Flaut**, *Codes over a subset of Octonion Integers*, accepted in Results Math., DOI: 10.1007/s00025-015-0442-6, IF-2014=0.864, http://link.springer.com/article/10.1007/s00025-015-0442-6

73. **Cristina Flaut**, *BCK-algebras arising from block codes*, J. Intell. Fuzzy Syst., 28(4)(2015), 1829-1833, DOI: 10.3233/IFS-141469, IF-2014=1.812, http://iospress.metapress.com/content/777358024t204010/?p=de0eec4ff5c0435fb6ebd3644b015eed&pi=31

74. **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, DOI: 10.1007/s00006-014-0493-x, IF-2014=0.568, http://link.springer.com/article/10.1007/s00006-014-0493-x

75. **Cristina Flaut, Diana Savin**, *Some examples of division symbol algebras of degree 3 and 5*, Carpathian J. Math, 31(2)(2015), 197-204,IF-2014=0.792, http://carpathian.ubm.ro/issues/abs_cjm_31_2_197-204.pdf

76. **Cristina Flaut,** Vitalii Shpakivskyi, *Holomorphic functions in generalized Cayley-Dickson algebras*, Adv. Appl. Clifford Algebras, **25(1)(2015),** 95-112, **DOI:** 10.1007/s00006-014-0479-8**,** IF-2014=0.568, http://link.springer.com/article/10.1007/s00006-014-0479-8

77. **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, IF-2014=0.640, http://www.advancesindifferenceequations.com/content/pdf/1687-1847-2014-279.pdf

78. **Cristina Flaut, Diana Savin**, *Some properties of symbol algebras of degree three,* Math. Rep., 3(2014), 443-465, IF-2014=0.118

79. **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, IF-2014=0.568, http://link.springer.com/article/10.1007/s00006-012-0344-6

80. **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, IF-2014=0.568, http://link.springer.com/article/10.1007/s00006-013-0388-2#

81. **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, IF-2014=0.568, http://link.springer.com/article/10.1007/s00006-013-0387-3#

82. **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, IF-2014=0.225, http://pdf.medrang.co.kr/kms01/BKMS/50/BKMS-50-5-1513-1521.pdf

83. **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, **IF-2014=1.065,** http://link.springer.com/article/10.1007/s10231-012-0260-3

84. Wouter Castryck, **Denis Ibadula,** Ann Lemahieu, The holomorphy conjecture for nondegenerate surface singularities, Nagoya Mathematical Journal (S.R.I. 1.975), Volume 227 (2017), pp. 160-188;

https://www.cambridge.org/core/journals/nagoya-mathematical-journal/article/the-holomorphy-conjecture-for-nondegenerate-surface-singularities/9268DCFC1CAADE1269BCE74D69B133BD IF: 0.68; **SRI: 1.334**

85. Alexandru Dimca, **Denis Ibadula**, Anca Daniela Macinic, *Pencil type line arrangements of low degree: classification and monodromy*, Ann. Sc. Norm. Super. Pisa Cl. Sci., Ann. Scuola Norm. Sup. Pisa, Vol. XV (2016), 249--267.; IF: 1.07; **SRI: 2.070**;

86. 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; IF. 1.292, **SRI: 1.506**

87. **Denis Ibadula**, Dirk Segers, *Determination of the real poles of the Igusa zeta functions for curves*, Revista Matemática Complutense, vol. 25, no. 2, July 2012, 581--597; IF. 0.631; **SRI: 0.858**

88. **L. Grecu (Lita), C. Popa,** "*Constrained SART algorithm for inverse problems in image reconstruction*", Inverse Problems and Imaging, 1(7) (2013), 199-216. **IF=1.388**   http://aimsciences.org/journals/contentsList.jsp?pubID=583 http://aimsciences.org/journals/displayArticles.jsp?paperID=8308

89. **L. Lita, E. Pelican,** "*Customized Orthogonalization via Deflation Algorithm with Applications in Face Recognition*", Carpathian J. Math.*,* 30(2), (2014), 231 - 238. http://carpathian.ubm.ro/issues/abs_cjm_30_2_231-238.pdf   **IF=0.792**

90. **L. Lita, E. Pelican,** "*A Low-Rank Tensor-Based Algorithm for Face Recognition*", Applied Mathematical Modelling, 39(3), (2015), 1266-1274. http://www.sciencedirect.com/science/article/pii/S0307904X1400393X   **IF=2.251**

91. Z. Bahraoui, C. Bolance, **E. Pelican, R. Vernic,** On the bivariate Sarmanov distribution and copula. An application on insurance data using truncated marginal distribution, SORT J, 39(2), 2015, 209-230, IF 1.333

92. **E. Pelican, R. Vernic,** Maximum-likelihood estimation for the multivariate Sarmanov distribution: simulation study, International J. of Computer Mathematics, 90(9), 2013, 1958 – 1970, IF 0.721

93. M. Sammany, **E. Pelican**, T. Harrak, Hybrid Neuro-Genetic Based Method for Solving Ill-Posed Inverse Problem Occurring in Synthesis of Electromagnetic Fields, Computing Journal, 91(4), 2011, 353-364, DOI 10.1007/s00607-010-0123-y, IF 0.701

94. **Popa, C** T. Preclik, U. Ruede. Regularized solution of LCP problems with application to rigid body dynamics, Numerical Algorithms, 69 (2015), 145- 56. IF: 1.417

95. **C. Popa, C. Serban**. Han-type algorithms for inconsistent systems of linear inequalities - A unified approach, Applied Mathematics and Computation, 246 (2014), 247-256. IF 1.454

96. Gh. Juncu, **A. Nicola, C. Popa**, E. Stroila. 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. IF 1.80

97. Gh. Juncu, **A. Nicola, C. Popa**, E. Stroila. 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. IF 1.80

98. D. Carp, **C. Popa, C. Serban.** Modified Han algorithm for inconsistent linear inequalities, Carpathian Journal of Mathematics 31(1) (2015), 145-156; IF 0.852;

99. **I. Pomparau, C. Popa**. Supplementary projections for the acceleration of Kaczmarz algorithm, Applied Mathematics and Computation, 232C(2014), 104-116; DOI: 10.1016/j.amc.2014.01.098; IF 1.349;

100. P. Jebelean**, C. Popa.** Numerical solutions to singular φ-Laplacian with Dirichlet boundary conditions, Numerical Algorithms, 67(2) (2014), 305-318; IF 1.042

101. P. Jebelean, **C. Popa, C. Serban**. Numerical extremal solutions for a mixed problem with singular φ-Laplacian, Nonlinear Differ. Equ. Appl., iFirst: DOI 10.1007/s00030-013-0247-9 (2013); ISSN: 1021-9722 (Print) 1420-9004 (Online). IF 0.671;

102. Y. Censor**, I. Pantelimon, C. Popa**. Family Constraining of Iterative Algorithms, Numerical Algorithms, 66(2) (2014), 323-338; IF 1.042;

103. **I. Pantelimon, C. Popa.** Constraining by a family of strictly nonexpansive idempotent functions with applications in image reconstruction, B I T Numer. Math., 53 (2013), 527-544; ISSN 0006-3835. IF 0.724

104. Gh. Juncu, **A. Nicola, C. Popa.** Nonlinear multigrid methods for numerical solution of the variably saturated flow equation in two space dimensions, published online in Transport in Porous Media, 91 (2012), 35-47. ISSN 0169-3913. IF 1.811

105. **A. Nicola,** S. Petra, **C. Popa,** C. Schnoerr. A general extending and constraining procedure for linear iterative methods, Intern. Journal of Computer Mathematics, 89(2)(2012), 231-253. ISSN 0020-7160. IF 0.5

106. H. Koestler, **C. Popa,** T. Preclik, U. Ruede. On Kaczmarz's projection iteration as a direct solver for linear least squares problems, Linear Algebra and its Applications 436(2) (2012), 389-404. ISSN 0024-3795. IF 0.974

107. **A. Nicola, C. Popa,** U. Ruede. On a regularization technique for Kovarik-like approximate orthogonalization algorithms, Carpathian

Journal of Mathematics, 27(1)(2011), 114-122. ISSN 1584-2851. IF 0.906

108. Carp D., **Pomparau I., Popa C.** - Weaker assumptions for convergence of extended block Kaczmarz and Jacobi projection algorithms; accepted for publication in Analele Stiintifice ale Universitatii Ovidius, Constanta. Seria Matematica; IF - 0.383

109. Petra S., **Popa C.** - Single projection Kaczmarz extended algorithms, Numerical Algorithms, 73(3)(2016), 791-806; IF - 1.366

110. **Dumitru Popa,** A new distinguishing feature for summing, versus dominated and multiple summing operators, Archiv der Math. 96, No.5 (2011), 455-462. IF: 0.479; http://link.springer.com/article/10.1007/s00013-011-0258-x

111. **Dumitru Popa,** Multiple Rademacher means and their applications, J. Math. Anal. Appl. 386, No. 2, 699-708 (2012). IF: I.119; http://www.sciencedirect.com/science/article/pii/S0022247X11007633

112. **Dumitru Popa,** Mixing multilinear operators, Illinois Journ. of Math., 56, No. 3, 885-903 (2012). IF: 0.337; https://projecteuclid.org/euclid.ijm/1391178554

113. **Dumitru Popa,** Mixing multilinear operators with or without a linear analogue, Integral Equations and Operator theory, 75, No. 3, 323-339 (2013). IF: 0.586; http://link.springer.com/article/10.1007/s00020-012-2030-4

114. **Dumitru Popa**, Gord Sinnamon, Blei's inequality and coordinatewise multiple summing operators, Publicacions Matematiques, 57, 455-475(2013). IF: 0.41; https://projecteuclid.org/euclid.pm/1386857704

115. **Dumitru Popa,** 2-summing multiplication operators, Studia Mathematica, 216, No. 1, 77-96 (2013). IF: 0.63; http://pldml.icm.edu.pl/pldml/element/bwmeta1.element.bwnjournal-article-doi-10_4064-sm216-1-6

116. **Dumitru Popa,** Direct and reverse inclusions for strongly multiple summing operators, Proc. Indian Acad. Sci., Math. Sci. 123, No. 3, 415-426 (2013). IF: 0.38; http://link.springer.com/article/10.1007/s12044-013-0136-5

117. **Dumitru Popa,** Cohen-Kwapień type theorems for multiple summing operators, Quaestiones Mathematicae, 36, No. 3, 399-410 (2013). IF: 0.451; http://www.tandfonline.com/doi/abs/10.2989/16073606.2013.779977

118. Magdalena Banescu, **Dumitru Popa**, New extensions of some classical theorems in number theory, Journal of Number Theory, 133, No. 2, 3771-3795(2013). IF: 0.524; http://www.sciencedirect.com/science/article/pii/S0022314X13001637

119. **Dumitru Popa,** A double Mertens type evaluation, J. Math. Anal. Appl., 409(2), 1159-1163, (2014). IF: I.119; http://www.sciencedirect.com/science/article/pii/S0022247X13006975

120. **Dumitru Popa,** Multiple summing, dominated and summing operators on a product of l1 spaces, Positivity, 18, No. 4, 751-765, (2014). IF: 0.682; http://link.springer.com/article/10.1007/s11117-014-0274-8

121. **Dumitru Popa**, Remarks on multiple summing operators on C(Ω) - spaces, Positivity 18, No. 1, 29-39 (2014). IF: 0.682; http://link.springer.com/article/10.1007/s11117-013-0228-6

122. **Dumitru Popa**, Almost summing and multiple almost summing operators on lp spaces, Arch. Math. 103, No. 3, 291-300 (2014). IF: 0.479; http://link.springer.com/article/10.1007/s00013-014-0682-9

123. **Dumitru Popa**, Composition results for strongly summing and dominated multilinear operators, Central European J. Math. 12, No. 10, 1433-1446 (2014). IF: 0.519; https://www.degruyter.com/view/j/math.2014.12.issue-10/s11533-014-0423-0/s11533-014-0423-0.xml

124. **Dumitru Popa**, 2-summing operators an l2(X), Operators and Matrices, 8, No. 4, 1095–1105 (2014). IF: 0.509; http://files.ele-math.com/abstracts/oam-08-61-abs.pdf

125. **Dumitru Popa,** Multiple summing operators on lp spaces, Studia Math. 225 No.1, (2014), 9-28. IF: 0.63; http://pldml.icm.edu.pl/pldml/element/bwmeta1.element.bwnjournal-article-doi-10_4064-sm225-1-2

126. **Dumitru Popa**, Multiple summability properties for Cohen p-summing operators, Math. Nachr. 288, No. 8-9, 1028-1046 (2015). IF: 0.658; http://onlinelibrary.wiley.com/doi/10.1002/mana.201400161/abstract

127. **Dumitru Popa**, A characterization of type 2 spaces, Arch. Math. 105, No. 2, 173-178 (2015). IF: 0.479; http://link.springer.com/article/10.1007/s00013-015-0779-9

128. **Dumitru Popa,** Pólya-Radoux type results for some arithmetical functions, J. Math. Anal. Appl., 428, No. 2, 982-988(2015). IF: I.119; http://www.sciencedirect.com/science/article/pii/S0022247X15002966

129. M. Banescu, **Dumitru Popa**, Asymptotic evaluations for some double sums in number theory, Int. J. Number Theory 11, No. 7, 2073-2085 (2015). IF: 0,596.;

http://www.worldscientific.com/doi/abs/10.1142/S1793042115500906

130. **Dumitru Popa**, When does a kernel generate a nuclear operator?, Quaestiones Math., 38, No. 4, 457-462(2015). IF: 0.451; http://www.tandfonline.com/doi/abs/10.2989/16073606.2014.981718

131. **Dumitru Popa,** A triple Mertens evaluation, J. Math. Anal. Appl. 444, No. 1, 464-474 (2016). IF: 1,014.; http://www.sciencedirect.com/science/article/pii/S0022247X16302918

132. **Dumitru Popa**, Nuclear multilinear operators with respect to a Banach ideal of multilinear functionals, Linear Algebra and its Appl. 489, 93-103, (2016). IF: 0,965; http://www.sciencedirect.com/science/article/pii/S0024379515006011

133. **Dumitru Popa,** The Heisenberg group associated to a Hilbert space, Linear Algebra and its Appl. 508, 234-245 (2016). IF: 0,965; http://www.sciencedirect.com/science/article/pii/S0024379516302774.

134. **Dumitru Popa,** Extensions of Grothendieck and Bennett-Carl theorems, Rev. Mat. Complutense. 29, No. 3, 677-690 (2016). IF: 0,631.; http://link.springer.com/article/10.1007/s13163-016-0198-x

135. **Dumitru Popa,** Multilinear variants of Grothendieck's composition theorem, Operators and Matrices, 10, No. 1, 149-162 (2016). IF: 0,545; http://oam.ele-math.com/10-10/Multilinear-variants-of-Grothendieck-s-composition-theorem

136. **Dorin-Mircea POPOVICI**, Felix HAMZA-LUP, Crenguţa M BOGDAN, HAPTIC FEEDBACK SYSTEMS IN EDUCATION, 2013, Conference proceedings of" eLearning and Software for Education"(eLSE), pg. 509-514, ISSN: 2066-026X, WOS:00032809750082

137. **C.M. Bogdan, D.M.Popovici,** Information system analysis of an e-learning system used for dental restorations simulation, Computer Methods and Programs in Biomedicine 107(3), 2012, pp. 357-366, http://dx.doi.org/10.1016/j.cmpb.2011.02.007, ISSN: 0169-2607, WOS:000307093400001

138. **Dorin M. Popovici,** Felix G. Hamza-Lup, Adrian Seitan, **Crenguta M. Bogdan,** "Comparative Study of APIs and Frameworks for Haptic Application Development", 12th International Conference on Cyberworlds, Darmstadt, Germania, 25-27 Sept. 2012, ISBN: 978-0-7695-4814-2/12, IEEE, DOI 10.1109/CW.2012.13, pp. 37-44, 2012 (DBLP)

139. **D.-M.Popovici, C.-M. Bogdan**, M. Polceanu, R. Querrec, "Applying of an Ontology based Modeling Approach to Cultural Heritage Systems",

Advances in Electrical and Computer Engineering, ISSN 1582-7445, vol. 11, no. 3, pp. 105-110, 2011. http://dx.doi.org/10.4316/AECE.2011.03017

140. Felix G. Hamza-Lup, Adrian Seitan, Costin Petre, Mihai Polceanu, Crenguta M. Bogdan, Aurelian Nicola, Dorin M. Popovici, Haptic User Interfaces and Practice-based Learning for Minimally Invasive Surgical Training, Proc of ICVL 2011, pg. 45-53, 2011, ISSN: 1844-8933, WOS:000323685900004

141. **Crenguta M Bogdan,** A.F. Dinca, **Dorin M Popovici**, A Brief Survey of Visuao-Haptic Simulators for Dental Procedures Training, Proc of ICVL 2011, pg. 54-60, 2011, ISSN: 1844-8933, WOS:000323685900005

142. **Bogdan C. M.,** "Domain Ontology of the VirDenT System", Int. J. of Computers, Communications & Control, ISSN: 1841-9836, 6(1):45-52, 2011, factor de impact: 0.373

143. **Rusu, Andrei**, Infinitely many precomplete with respect to parametric expressibility classes of formulas in a provability logic of propositions. Analele Ştiinţifice a Universităţii Ovidius Constanţa. Seria matematica. 2014, 22(1), 247-255. ISSN 1224-1784; EISSN 1844-0835. doi:10.2478/auom-2014-0020

144. **D. Savin**, About Special Elements in Quaternion Algebras Over Finite Fields, Advances in Applied Clifford Algebras, vol. 27, June 2017, Issue 2 , p. 1801-1813 (Impact factor 2016: 0, 643).

145. **D. Savin**, About split quaternion algebras over quadratic fields and symbol algebras of degree n, Bull. Math. Soc. Sci. Math. Roumanie, Tome 60 (108) No. 3, 2017, p. 307- 312

146. **D. Savin**, About division quaternion algebras and division symbol algebras, Carpathian Journal of Mathematics, vol. 32, No. 2 (2016), pp. 233 – 240, IF (2015: 0,61).

147. **D. Savin,** Some properties of Fibonacci numbers, Fibonacci octonions, and generalized Fibonacci-Lucas octonions, Advances in Difference Equations (2015), 2015:298, DOI 10.1186/s13662-015-0627-z x ,IF (2015): 0, 297.

148. **Savin D**., About some split central simple algebras, An. Şt. University„Ovidius" of Constanta, Romania, Ser. Mat. XXII (2014), f.1, p.263-272, IF (2014): 0,333.

149. **Savin D**., Stefanescu M., A necessary condition for certain Primes to be written in the form xq + ryq, Journal of Algebra and Its Applications, vol. 10. no.3 (June 2011), p. 435-443, IF (2011): 0,483

150. **Dragoş Sburlan**, Computing by Folding, *International Journal of Computers, Communications & Control*, 6 (4), 742-751, 2011, IF 0.694.

151. **Dragoş Sburlan,** P Systems with Chained Rules, *Lecture Notes in Computer Science*, 7184 (2012), 359-370, ISI Proceedings IF 0.

152. **Dragos Sburlan,** Observer/Interpreter P Systems, *Lecture Notes in Computer Science*, 7762 (2013), 378-389, ISI Proceedings, IF 0.

153. Gabriel Ciobanu, **Dragos Sburlan,** Scenario Based P Systems, *International Journal of Unconventional Computing*, 9(5-6), 351-366, 2013, IF 0.433

154. Gabriel Ciobanu**, Dragos Sburlan,** Monitoring Changes in Dynamic Multiset Systems, *Fundamenta Informaticae*, 134, 67-82, 2014, IF 0.479

155. **Vernic, R**. – "Tail Conditional Expectation for the Multivariate Pareto Distribution of the Second Kind: Another Approach". Methodology and Computing in Applied Probability Vol. 13 (1), 121-137, 2011. SRI= 0.719 IF= 0.782
http://link.springer.com/article/10.1007/s11009-009-9131-9

156. Asimit, A., Furman, E., Tang, Q. and **Vernic, R.** – "Asymptotics for Risk Capital Allocations based on Conditional Tail Expectation". Insurance: Mathematics and Economics 49 (3), 310-324, 2011. SRI=1.099 IF=1.378
http://www.sciencedirect.com/science/article/pii/S0167668711000606

157. Teodorescu, S. and **Vernic, R.** - "On composite Pareto models". Mathematical Reports 15 (65), no. 1, 11-30, 2013. SRI= 0.133 IF= 0.152
http://www.csm.ro/reviste/Mathematical_Reports/Pdfs/2013/1/2_Teodorescu.pdf

158. Zbăganu, Gh. and **Vernic, R.** - "On the fatal shock model". Mathematical Reports 15 (65), no. 2, 133-144, 2013. SRI= 0.133 IF= 0.152
http://www.imar.ro/journals/Mathematical_Reports/Pdfs/2013/2/Zbaganu Vernic.pdf

159. Raducan, A.-M., **Vernic, R.** and Zbaganu, Gh. – "Recursive calculation of ruin probabilities at or before claim instants for non-identically distributed claims". ASTIN Bulletin 45 (2), 421-443, 2015. SRI= 1.118 IF= 0.732
http://journals.cambridge.org/abstract_S0515036114000300

160. **Vernic, R.** – "On a conjecture related to the ruin probability for nonhomogeneous insurance claims". Analele Universităţii "Ovidius" Constanţa, seria Matematică 23 (3), 209-220, 2015. SRI= 0.193 IF=0.383
http://emis.ams.org/journals/ASUO/mathematics_/anale2015vol3/Vernic _R..pdf

161. Raducan, A.-M., **Vernic, R**. and Zbaganu, Gh. – "On the ruin probability for nonhomogeneous claims and arbitrary inter-claim revenues". Journal of Computational and Applied Mathematics 290, 319-333, 2015. SRI= 0.973 IF= 1.328
http://www.sciencedirect.com/science/article/pii/S0377042715003155

162. Asimit, A., Furman, E. and **Vernic, R.** – "Statistical inference for a new class of multivariate Pareto distributions". Communications in Statistics – Simulation and Computation 45 (2), 456-471, 2016. SRI=0.301 IF= 0.397
http://www.tandfonline.com/doi/abs/10.1080/03610918.2013.861627

163. **Vernic, R.** – "On the distribution of a sum of Sarmanov distributed random variables". Journal of Theoretical Probability, 29 (1), 118-142, 2016. SRI= 0.685, IF: 0.466.
http://link.springer.com/article/10.1007/s10959-014-0571-y

164. Asimit, A., **Vernic, R**. and Zitikis, R. – "Background risk models and stepwise portfolio construction". Methodology and Computing in Applied Probability 18 (3), 805-827, 2016. SRI= 0.719 IF= 0.782
http://link.springer.com/article/10.1007/s11009-015-9458-3

165. **Vernic, R.** – "Optimal investment with a constraint on ruin for a fuzzy discrete-time insurance risk model". Fuzzy Optimization and Decision Making 15 (2), 195-217, 2016. SRI= 1.349 IF=2.569
http://link.springer.com/article/10.1007/s10700-015-9221-9

166. Robe-Voinea, E. and **Vernic, R**. – "Another appproach to the evaluation of a certain multivariate compound distribution". Analele Universităţii "Ovidius" Constanţa, seria Matematică, Volume XXIV 24 (3), 2016, 339-349. SRI= 0.193 IF=0.383
http://www.emis.de/journals/ASUO/volume-xxiv-2016-fascicola-3.html

167. Robe-Voinea, E. and **Vernic, R.** – "On the recursive evaluation of a certain multivariate compound distribution". Acta Mathematicae Applicatae Sinica (English Series) 32 (4), 913–920, 2016. SRI=0.306 IF=0.25 http://link.springer.com/article/10.1007/s10255-016-0612-7

168. Raducan, A.-M., **Vernic, R.** and Zbaganu, Gh. – "Uper and lower bounds for a finite-type ruin probability in a nonhomogeneous risk process". Proceedings of the Romanian Academy, Series A, 17 (4), 287–292, 2016. SRI= 0.429 IF= 1.735 http://www.acad.ro/sectii2002/proceedings/doc2016-4/01ProcRoAcad-4-2016.pdf

169. **Eugen Zaharescu**,"Color Image Indexing Using Mathematical Morphology", Analele Stiintifice ale Universitatii Ovidius Constanta-Seria Matematica, Volume: 22, Issue: 1 Pages: 281-

288, 2014 http://www.anstuocmath.ro/mathematics//vol22-1/Zaharescu__Eugen.pdf

170. Sergiu Lupu, **Eugen Zaharescu**,"Effects of Direct and Indirect Solar Radiation Pressure in Orbital Parameters of GPS Satelittes", Analele Stiintifice ale Universitatii Ovidius Constanta-Seria Matematica, Volume: 22, Issue: 2 Pages: 141-150, 2014 http://www.anstuocmath.ro/mathematics//vol22-2/Lupu_S.__Zaharescu_E..pdf

171. **W.Boskoff**, B.D.Suceava, Geometries Induced by Logarithmic Osscilations as Examples of Gromov Hyperbolic Spaces, Bull. Malays. Math. Sci. Soc. (2017) 40:707–733

172. **W. Boskoff**, M. Crasmareanu, L. Piscoran, Tzitzeica equations and Tzitzeica surfaces in separable coordinate systems and the Ricci flow tensor field, Carpathian J. Math, (20), Nr. 3, pp 141-151 , (2017)

173. **C. Costara,** *AUTOMATIC CONTINUITY FOR LINEAR SURJECTIVE MAPS COMPRESSING THE LOCAL SPECTRUM AT FIXED VECTORS*, PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY Vol 145 (5) (2017) Pages: 2081-2087

174. **Costara, C.**, Linear surjective maps preserving at least one element from the local spectrum, online in Proc. Edinburgh Math Soc.

175. **L. Barbu**, Gh. Morosanu, Elliptic-like Regularizations of Semilinear Evolution Equations and Applications to some Hyperbolic Problems, Journal of Math. Anal. And its Appl., vol. 449, No. 2 (2017), 966-978.

176. **V. Ene,** J. Herzog, D. Stamate, Anticanonical modules of Segre products, Bull. Math. Soc. Sci. Math. Roumanie Tome 60 (108) no.4 (2017), 373-386.

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

178. **Cristina Flaut, Diana Savin,** Some special number sequences obtained from a difference equation of degree three, accepted in , Chaos, Solitons & Fractals, 10 Noiembrie 2017, 2016-Impact Factor=1.455(va aparea in Decembrie 2017)

179. Arsham Borumand Saeid, **Cristina Flaut**, Sarka Hoskova-Mayerova, Morteza Afshar, Marjan Kuchaki Rafsanjani, Some connections between BCK-algebras and n-ary block codes, accepted in Soft Computing,

August 2017, DOI 10.1007/s00500-017-2788-z, 2016-Impact Factor=2.472, (va aparea in Decembrie 2017)

180. **Cristina Flaut**, Vitalii Shpakivskyi, Elena Vlad, Some remarks regarding h(x) – Fibonacci polynomials in an arbitrary algebra, Chaos, Solitons & Fractals, 99(2017), 32-35, 2016-Impact Factor=1.455, DOI http://dx.doi.org/10.1016/j.chaos.2017.03.040, http://www.sciencedirect.com/science/article/pii/S0960077917301005

181. Juncu Gh., **Nicola A., Popa C**., Stroila E. - Numerical solution of the parabolic multicomponent convection–diffusion mass transfer equations by a splitting method, Numerical Heat Transfer, Part A: Applications, 71(1) (2017), 72-90; IF - 1.937

182. **Popa C.** - Convergence rates for Kaczmarz-type algorithms, Numer. Algor. (2017). https://doi.org/10.1007/s11075-017-0425-7; IF - 1.366

183. Petra S., **Popa C.** - Erratum to: Single projection Kaczmarz extended algorithms, Numerical Algorithms, 76(2) (2017), 599-604; IF - 1.366

184. **Popa C.** - On Remotest set and Random controls in Kaczmarz algorithm, accepted for publication in Analele Stiintifice ale Universitatii Ovidius, Constanta. Seria Matematica; IF - 0.383

185. Carp D., **Pomparau I., Popa C.** - Weaker assumptions for convergence of extended block Kaczmarz and Jacobi projection algorithms; Analele Stiintifice ale Universitatii Ovidius, Constanta. Seria Matematica, 25(1)(2017), 49-60 IF - 0.383

186. **D. Popa**, Dominated n-linear operators with respect to a system of n bounded linear operators, Linear and Multilinear Algebra, 65, No. 6, 1097-1107(2017). IF:1,00 https://doi.org/10.1080/03081087.2016.1228814

187. **D. Popa**, The splitting property for (p,S)-summing operators, Rev. R. Acad. Cienc. Exactas Fís. Nat., Ser. A Mat., RACSAM 111, No. 1, 167-175 (2017). IF: 0,69. https://doi.org/10.1007/s13398-016-0284-4

188. **D. Popa**, A note on the concept of factorable strongly p-summing operators. Rev. R. Acad. Cienc. Exactas Fís. Nat., Ser. A Mat., RACSAM 111, No. 2, 465-471 (2017). IF: 0,69. https://doi.org/10.1007/s13398-016-0307-1

189. **D. Popa**, New linear and multilinear versions of Puhl's quotient formula, Colloq. Math. 149, No. 2, 299-307 (2017). IF: 0, 555; DOI: 10.4064/cm6898-11-2016

190. **D. Popa**, Copies of lpn's uniformly in the spaces П2(C[0,1],X) and П1(C[0,1],X), Czech. Math. Journ., 67, No. 2, 457-467(2017). IF: 0, 364. https://doi.org/10.21136/CMJ.2017.0009-16

191. **Vernic**, R. – Capital allocation for Sarmanov's class of distributions. Methodology and Computing in Applied Probability 19 (1), 311-330, 2017. IF 2016: 0.965.

192. Raducan, A.-M., **Vernic**, R. and Zbaganu, Gh. – On a conjecture related to the ruin probability for nonhomogeneous exponentially distributed claims. Scandinavian Actuarial Journal vol. 2017 (5), 441-451, 2017. IF 2016: 1.347.

193. Ratovomirija, G., Tamraz, M. and **Vernic**, R. – On some multivariate Sarmanov mixed Erlang reinsurance risks: aggregation and capital allocation. Insurance Mathematics and Economics 74, 197-209, 2017. IF 2016: 1.363.

194. Robe-Voinea, E. and **Vernic**, R. – On a multivariate aggregate claims model with multivariate Poisson counting distribution. Proceedings of the Romanian Academy - Series A, 18 (1), 3-7, 2017. IF 2016: 1.623.

195. **Cristina Serban**, Doina Carp, A Genetic Algorithm for Solving a Container Storage Problem Using a Residence Time Strategy, Studies in Informatics and Control, ISSN 1220-1766, vol. 26(1), pp. 59-66, apr. 2017

196. **Bărbulescu, A.** E. Sterpu, L. Barbes, C.- I. Koncsag, New correlation for the mixing of waste water sludge, Romanian Journal of Physics, vol. 62(1-2), 2017, art. 801, http://www.nipne.ro/rjp/2017_62_1-2/rjp062_1-2_801.pdf.

197. L. Barbeş, **A. Bărbulescu,** Monitoring and assessement of heavy metals in soil and leaves of Populus Nigra L, Environmental Engineering and Management Journal, 16(1),   2017,   pp.   187   –   196, http://www.eemj.icpm.tuiasi.ro/pdfs/vol16/no1/20_491_Barbes_13.pdf .

198. **A. Barbulescu**, Modeling the impact of the human activity, behavior and decisions on the environment. Marketing and green consumer, Journal of Environmental   Management,   204   part   3,   2017,   pp.   813, https://doi.org/10.1016/j.jenvman.2017.10.028

199. **A. Barbulescu,** L. Barbes, Modeling the carbon monoxide dissipation in Timisoara, Romania, Journal of Environmental Management, 204 part 3, 2017, pp. 831 – 838, http://dx.doi.org/10.1016/j.jenvman.2017.02.047.

200. **A. Barbulescu,** L. Barbes, Mathematical modeling of sulfur dioxide concentration in the Western part of Romania, Journal of Environmental Management,   204   part   3,   2017,   pp.   825   –   830, http://dx.doi.org/10.1016/j.jenvman.2017.02.052.

201. **G. Badea, D. Popa**, *The summing nature of the multiplication operator from lp(X) into c0 (Y)*, RACSAM 112 (1) (2018), pp176-193, IF 0.690

202. **G. Badea**, *Copies of lu(ln/n ∈ N) in_PI2 (lp, lq) , 1 ≤ p,q < ∞,* acceptat Linear and Multilinear Algebra 2018, IF 1

203. A. Negrea, A. Gabor, C.-M. Davidescu, M. Ciopec, P. Negrea, N. Duteanu, **A. Barbulescu**, Rare Earth Elements Removal from Water Using Natural Polymer, *Scientific   Reports*,   8:316,   2018,   DOI:10.1038/s41598017-18623, http://www.nature.com/articles/s41598-017-18623-0

204. **A. Bărbulescu**, Y. Nazzal, F. Howari, Statistical analysis and estimation of the regional trend of aerosol size over the Arabian Gulf Region during 2002 -2016, *Scientific   Reports*,   8:9571,   2018,   DOI:10.1038/s41598-018-27727-0 https://www.nature.com/articles/s41598-018-27727-0

205. **A. Barbulescu**, L. Barbes, Y. Nazzal, New model for inorganic pollutants dissipation on the northern part of the Romanian Black sea coast, *Romanian Journal of Physics*, vol. **63(5-6)**, 806, 2018, https://www.nipne.ro/rjp/2018_63_5-6/RomJPhys.63.806.pdf

206. **A. Barbulescu** Do the time series statistical properties influence the goodness of fit of GRNN models? Study on financial series, *Applied Stochastic Models in Business and Industry*, vol. **34**, pp. 586 – 596, 2018, https://doi.org/10.1002/asmb.2315

207. **A. Barbulescu**, N. Duteanu, A. Negrea, M. M. Ghangrekar, New trends in monitoring and removing the pollutants from water, *Journal of Chemistry*, vol.2018, art. ID 8394086, https://doi.org/10.1155/2018/8394086

208. **W. Boskoff**, M. Crasmareanu, A Rosen Type Bi-Metric Universe and its Physical Properties, Geometric Methods of Modern Physics, 2018, (15), no.10, 1850174- 1-21 pp, Factor Impact 1,068

209. **L. Barbu**, Lions Regularization of the Telegraph System with Nonlinear Boundary Conditions, Results in Mathematics, vol, 72 Issue 1-2, (2017) 731-745.

210. **L. Barbu**, Gh. Morosanu, Elliptic-like Regularizations of Semilinear Evolution Equations and Applications to some Hyperbolic Problems, J. Math. Anal. Appl., vol. 449, No. 2 (2017), 966-978.

211. **C. Costara**, Non-surjective Spectral Isometries on Matrix Spaces , COMPLEX ANALYSIS AND OPERATOR THEORY   Volume: 12   Issue: 4 (2018)   Pages: 859-868

212. **C. Costara,** LINEAR SURJECTIVE MAPS PRESERVING AT LEAST ONE ELEMENT FROM THE LOCAL SPECTRUM, PROC. OF THE EDINBURGH MATHEMATICAL SOCIETY   Volume: 61   Issue: 1 (2018) Pages: 169-175

213. **C. Flaut, D. Savin**, Some special number sequences obtained from a difference equation of degree three, Chaos, Solitons & Fractals, vol. 106, January 2018, p 67-71 (IF 2017: 2,213, SRI 2017: 1,4).

214. V. Acciaro and **D. Savin,** Computing normal integral bases of abelian number fields, JP Journal of Algebra, Number Theory and Applications, vol. 40, Issue 6, December 2018, p. 923-943 (IF 2017: 0,049, SRI 2017:0).

215. H. Baskoroputro, **V. Ene**, C. Ion, Koszul binomial edge ideals of pairs of graphs, J. Algebra 515 (2018), 344-359.

216. 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

217. Juncu Gh., **Nicola A., Popa C**. - Splitting methods for the numerical solution of multi - component mass transfer problems, Mathematics and Computers in Simulation, 152 (2018), 1-14

218. **Popa C.** - Convergence rates for Kaczmarz-type algorithms, Numer. Algor., 79 (2018), 1 – 17

219. **Popa C.** - On Remotest set and Random controls in Kaczmarz algorithm, Analele Stiintifice ale Universitatii Ovidius, Constanta. Seria Matematica, 26(1) (2018), 241-247

220. Carp D., **Popa C.,** Preclik T., Ruede U. - On weighted Strand's iteration, Carpathian J. of Math., 34(2) (2018), 183-190

221. **D. Popa**, Korovkin-type results for multivariate functions which are periodic with respect to one variable. Math. Nachr. 291, No. 10, 1563-1573 (2018). SRI 0,98

222. **D. Popa**, Limits of sequences of Bochner integrable functions over sequences of probability measures spaces, Result. Math. 73, No. 4, Paper No. 134, 12 p. (2018).. SRI 0,66

223. **D. Popa**, A multivariate convergence theorem for positive sequences of functions, Archiv der Math. 111, No. 1, 61-69 (2018). SRI 0, 72

224. **D. Popa,** Characterizations of new Cohen summing bilinear operators, Quaest. Math. 41, No. 5, 683-692 (2018). SRI 0, 49

225. M. Banescu, **D. Popa**, A multiple Abel summation formula and asymptotic evaluations for multiple sums, Int. J. Number Theory 14, No. 4, 1197-1210 (2018). SRI 0,35

226. Robe-Voinea, E. and **Vernic, R.** – Fast Fourier Transform for multivariate aggregate claims. Computational and Applied Mathematics (COAM) 37 (1), 205-219, 2018.

227. Tamraz, M. and **Vernic, R.** – On the evaluation of multivariate compound distributions with continuous severity distributions and Sarmanov's counting distribution. ASTIN Bulletin 48 (2), 841-870, 2018.

228. **Vernic, R.** – On risk measures and capital allocation for distributions depending on parameters with interval or fuzzy uncertainty. Applied Soft Computing 64, 199-215, 2018.

229. **Vernic, R.** – On the evaluation of some multivariate compound distributions with Sarmanov's counting distribution. Insurance Mathematics and Economics 79, 184-193, 2018.

230. Denuit, M. and **Vernic, R.** – Bivariate Bernoulli weighted sums and distribution of single-period tontine benefits. Methodology and Computing in Applied Probability 20(4), 1403–1416, 2018.

231. A. Bourhim, **C. Costara**, Linear Maps Preserving Matrices of Local Spectral Radius Zero at a Fixed Vector, CANADIAN JOURNAL OF MATHEMATICS-JOURNAL CANADIEN DE MATHEMATIQUES Volume: 71 Issue: 4 Pages: 749-771 (2019)

232. **C. Costara**, Nonlinear determinant preserving maps on matrix algebras, LINEAR ALGEBRA AND ITS APPLICATIONS Volume: 583 Pages: 165-170 (2019)

233. **G. Badea**, Copies of lu(ln|n ∈ N) in_PI2 (lp, lq) , $1 \leq p,q < \infty$, Linear and Multilinear Algebra (67) 2019, pp 573-582.

234. A. Moraru, **A. Bărbulescu**, C. Duhnea, Consumption and hysteresis: the new, the old, and the challenge, Economic Research - Ekonomska Istraživanja, vol. 31(1), 2019, pp. 1965 - 1980, http://doi.org/10.1080/1331677x.2018.1498365

235. **A. Bărbulescu,** A. Moraru, C. Duhnea, Ecolabelling in the Romanian Seaside Hotel Industry – marketing considerations, financial constraints, perspectives, Sustainability, vol. 11(1), 2019, 265, https://doi.org/10.3390/su11010265

236. Y. Nazzal, **A. Bărbulescu**, F. M. Howari, A. Yousef, A. A. Al-Taani, F. Al Aydaroos, M. Naseem, New insight to dust storm from historical records, UAE, Arabian Journal of Geosciences, vol. 12(13): 396, 2019, DOI: 10.1007/s12517-019-4555-1.

237. **A. Bărbulescu,** N. Popescu – Bodorin, History-based long-term predictability of regional monthly fuzzy data, Stochastic Environmental Research and Risk Assessment, vol. 33, issue 7, 2019, pp.1435-1441, DOI: 10.117/s00477-019-01702-1

238. **A. Bărbulescu**, A. Dani, Statistical analysis of the water quality of the major rivers in India, Romanian Reports in Physics, vol. 71, no.4, 2019, art.716, http://www.rrp.infim. ro/2019/AN71716.pdf.

239. **A. Bărbulescu**, Y. Nazzal, Statistical analysis of the dust storms in the United Arab Emirates, Atmospheric Research, vol. 231, 2020, 104669, https://doi.org/10.1016/j. atmosres.2019.104669.

240. D. Simian, F. Stoica, **A. Bărbulescu**, Automatic Optimized Support Vector Regression for Financial Data Prediction, Neural Computing & Applications, 2019, https:// doi.org/10.1007/s00521-019-04216-7

241. **Boskoff W-G,** Cappoziello S, Recovering the cosmological constant from affine geometry, INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.16, (10), 1950161, 2019 https://www.worldscientific.com/doi/10.1142/S0219887819501615 http://dx.doi.org/10.1142%2FS0219887819501615

242. **L. Barbu,** G. Moroșanu, Eigenvalues of the negative (p,q)- Laplacian under a Steklov-like boundary condition, Complex Variables and Elliptic Equations,64(4) (2019),685–700, SRI: 0,740. https://doi.org/10.1080/17476933.2018.1477769

243. **L. Barbu,** G. Moroșanu, C. Pintea, A nonlinear elliptic eigenvalue–transmission problem with Neumann boundary condition, Annali di Matematica Pura ed Applicata,198(3)(2019), 821-836, SRI: 1,634. https://doi.org/10.1007/s10231-018-0801-5

244. **L. Barbu,** C. Enache, A free boundary problem with multiple boundaries for a general class of anisotropic equations, Applied Mathematics and Computation, 362(1) (2019), SRI: 0,978.

https://doi.org/10.1016/j.amc.2019.06.065

245. **V. Ene**, J. Herzog, A. Qureshi, t-spread strongly stable monomial ideals, Comm. Algebra 47 (12) (2019), 5303-5316.
246. D. Banaru, **V. Ene,** Compatible Algebras with Straightening Laws on Distributive Lattices, in the Special Issue Current Trends on Monomial and Binomial Ideals (Eds T. H. Ha, T. Hibi), Mathematics 7(8) (2019), 671.
247. C. Andrei, **V. Ene**, B. Lajmiri, Powers of t-spread principal Borel ideals, Arch. Math. 112 (2019), 587-597.
248. **Cristina Flaut**, Sarka Hoskova-Mayerova, A.B. Saeid, Radu Vasile, Wajsberg algebras of order n(n≤9), accepted in Neural Computing and Applications, DOI: 10.1007/s00521-019-04676-x
249. **Cristina Flaut**, Some application 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
250. **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
251. **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
252. Alexandru Dimca, **Denis Ibadula**, Anca Macinic, Freeness for 13 lines arrangements is combinatorial, Discrete Mathematics, 2019, Volume/Issue 342/8, pp. 2445 - 2453, ISSN 0012-365X, IF (2018): 0.810, SRI (2019): 0.936;
253. Alexandru Dimca, **Denis Ibadula**, Anca Daniela Macinic, Numerical invariants and moduli spaces for line arrangements, Osaka Journal of Mathematics, 2019, to appear;
http://www4.math.sci.osaka-u.ac.jp/ojm/OJMpdf/OJM5039.pdf
254. Carp D**., Popa C.**, Preclik T., Ruede U. - Iterative Solution of Weighted Linear Least Squares Problems, accepted for publication in Analele Stiintifice ale Universitatii Ovidius, Constanta. Seria Matematica;
255. **Popa C.** - Correction to: Convergence rates for Kaczmarz-type algorithms, Numer. Algor., 82(3) (2019), 1117 - 1120;

256. **Dumitru Popa**, Asymptotic Evaluations for Some Sequences of Positive Linear Operators, Constr. Approx. 50, No. 2, 293-321 (2019). IF 1,146; SRI 2,054

257. **Dumitru Popa**, Korovkin type results for multivariate continuous periodic functions, Result. Math. No. 3, Paper No. 96, 19 p, 2019. IF 0,873; SRI 0,626

258. **Dumitru Popa**, Bernstein type asymptotic evaluations for linear positive operators on C[α,β], Result. Math. 74, No. 4, Paper No. 177, 24 p. (2019). IF 0,873; SRI 0,626

259. **Dumitru Popa**, Mixing multiplication operators, Rev. R. Acad. Cienc. Exactas Fís. Nat., Ser. A Mat., 113, No. 1, 225-232 (2019). IF 1,028; SRI 0,675

260. **Dumitru Popa**, An intermediate Voronovskaja type theorem, Rev. R. Acad. Cienc. Exactas Fís. Nat., Ser. A Mat., RACSAM 113, No. 3, 2421-2429 (2019). IF 1,028; SRI 0,675

261. Mobile Augmented Reality for Cultural Heritage: Following the Footsteps of Ovid among Different Locations in Europe, Răzvan Gabriel Boboc, Mihai Duguleană, Gheorghe Daniel Voinea, Cristian-Cezar Postelnicu, **Dorin-Mircea Popovici** and Marcello Carrozzino, Sustainability 2019, 11, 1167; doi:10.3390/su11041167

262. S.G. Rayaguru, **D. Savin,** G.K. Panda, On Some Horadam Symbol Elements, Notes on Number Theory and Discrete Mathematics, vol. 25, July 2019, no. 2, p. 91—112.

263. Bolance C. and **Vernic R.** – Multivariate count data generalized linear models: Three approaches based on the Sarmanov distribution. Insurance Mathematics and Economics 85, 89-103, 2019.

b) articole BDI

1. A. Alexandrescu, A Development Process of the User-Interfaces for the Database Applications, UPB Scientific Bulletin, Series C, Vol. 73, Iss.4, 2011

2. Dorin M. Popovici, Felix G. Hamza-Lup, Crenguta M. Bogdan, Elena Bautu, Cristian A. Corleanca, "Utilizarea feedback-ului haptic în simularea actului medical.", Conferinta Nationala de Interactiune Om-Calculator – RoCHI 2014, http://oaji.net/articles/2015/2024-1431583009.pdf, 2014, indexat OAJI

3. Andrei Bautu and Elena Bautu. "Parameter Optimization Of Pso For Protein Structure Prediction Problem In The 2d Hp Model."" Scientific Bulletin"" Mircea cel Batran"" Naval Academy 18.1 (2015): 294. https://www.anmb.ro/buletinstiintific/buletine/2015_Issue1/FCS/294-296.pdf", , indexat ProQuest
4. Andrei Bautu and Elena Bautu. "Practical aspects on automatic generation of university timetables–A case study."" (2016). Scientific Bulletin"" Mircea cel Batran"" Naval Academy 19.1 (2016): 31. https://www.anmb.ro/buletinstiintific/buletine/2016_Issue1/NMS/31-35.pdf", indexat ProQuest

5. "Andrei Bautu and Elena Bautu. ""Quality Control In Logistics Activities Through Internet Of Things Technology."" Scientific Bulletin"" Mircea cel Batran"" Naval Academy 19.1 (2016): 124. https://www.anmb.ro/buletinstiintific/buletine/2016_Issue1/NMS/27-30.pdf", indexat ProQuest
6. J. Deguenon, A. Bărbulescu, Study of Extreme Daily Rainfall Using GPD Model, International Journal of Mathematics and Computation, vol. 11, no. J11, 2011, pp. 28 – 37 (ISSN 0974 – 5718) (Zblatt, Math Rev)
7. C. (Gherghina) Șerban, C. Maftei, A. Bărbulescu, A Web Services Composition with BPEL for Satellite-based Land Surface Temperature Estimation, International Journal of Mathematics and Computation, vol. 11, no. J11, 2011, pp. 61 – 72 (ISSN 0974 – 5718) (Zblatt, Math Rev)
8. J. Deguenon, A. Bărbulescu, Trends of extreme precipitation events in Dobrudja, Ovidius University Annals, Series: Civil Engineering, issue 13, Nov. 2011, pp. 73 – 80 (ISSN 1584 – 5990) (Index Copernicus)
9. C. Maftei, A. Bărbulescu, C. Șerban (Gherghina), I. Ilie, Statistical analysis of precipitation variability in Dobrudja region, Ovidius University Annals, Series: Civil Engineering, issue 13, Nov. 2011, pp. 81-92 (ISSN 1584-5990) (Index Copernicus)
10. A. Bărbulescu, J. Deguenon, Mathematical models for extreme monthly precipitation, Ovidius University Annals, Series: Civil Engineering, issue 13, Nov. 2011, pp. 93 – 104, (ISSN 1584– 5990) (Index Copernicus)
11. A. Bărbulescu, C. Șerban, Statistical and multifractal analysis of rainfall of Romania, International Journal of Ecological Economics & Statistics, vol. 25, issue 2, 2012, pp. 1-11, (ISSN 0973 - 7537) (Zblatt)

12. A. Bărbulescu, J. Deguenon, Nonparametric methods for fitting the precipitation variability applied to Dobrudja region, International Journal of Mathematical Models and Methods in Applied Sciences, Issue 4, vol. 6, 2012, pp. 608 – 615 (ISSN 1998 – 0140) (SCOPUS)

13. A. Bărbulescu, J. Deguenon, Modeling the annual precipitation evolution in the region of Dobrudja, International Journal of Mathematical Models and Methods in Applied Sciences, Issue 5, vol. 6, 2012, pp. 617 – 624, (ISSN 1998 – 0140) (SCOPUS)

14. J. Deguenon, A. Bărbulescu, Fractal characterization of rainfall in Benin, International Journal of Ecological Economics & Statistics, Issue No. 3, Vol. 30, April 2013, pp. 46 – 55. (ISSN 0973 – 7537) (MathRev, ZBlatt)

15. A. Bărbulescu, A. Petac, Statistical assessement of precipitation evolution. Case study, Automation, Computers Applied Mathematics, vol. 22 (1), 2013, pp. 7 - 15. (MathRev)

16. G. Minea, A. Bărbulescu, Statistical assessing of hydrological alteration of Buzău River induced by Siriu dam (Romania), Forum geographic, vol. 13(1), 2014, pp. 50 - 58 (Index Copernicus, EBSCO, Ulrich).

17. A. A. Neagu, C. I. Koncsag, A. Bărbulescu, E. Botez, Estimation of pressure drop in gasket plate heat exchangers, Ovidius University Annals of Chemistry, vol. 27, no. 1, 2016, pp. 62 - 72.

18. W.G.Boskoff, H. Odom, B.Suceava, An elementary view of Gromov hyperbolic spaces, Forum Geometricorum, 12, (2012), 283-286.

19. W.G. Boskoff, L.Homentcovschi, B.Suceava, Gossard's perspector and projective consequences, Forum Geometricorum 13 (2013), 169-184.

20. W.G.Boskoff, L.Homentcovschi, Atiyah's conjecture revisited, International Journal of Geometry, Vol. 2 (2013), No. 1, 44 – 46

21. E-M Crăciun, I. Nicolae, B. Rădoiu, G. Cîrlig, Cracked pre-stressed elastic composite subjected by sliding forces. Mathematical modelling, Key Engineering Materials, 601 (2014) p. 96-99. http://www.scientific.net/KEM.601.96

22. V. Ene, Syzygies of Hibi rings, Acta Math. Vietnam., special volume dedicated to the 60th birthday of Professor N. V. Trung. 40 (2015) no. 3, 403-446.

23. V. Ene, A. Olteanu, Powers of lexsegment ideals with linear resolutions, Illinois J. Math., 56(2) (2012), 533-549

24. 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

25. 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

26. Denis Ibadula, Dirk Segers, Convex proofs of some inequalities, The Mathematical Gazette, Volume 96, Number 537/2012, 523--526.;

27. Iorgulescu, F.G., Homentcovschi, L., Examenul de definitivat si gradul 2 profesori, Didactica Matematica, Nr. 1, 2012.

28. L. Grecu (Lita) , "On the Construction of the Scanning Matrix in Electromagnetic Geotomography", Buletinul Stiintific al Universitatii "Politehnica" din Timisoara, Romania, 1 (2012), 42-55. ISSN 1224-6069. http://www.upt.ro/cercetare/st/abstractBul1-2012_1.pdf

29. L. Lita, E. Pelican, "Comparative Study of Some Algorithms for Face Recognition", ROMAI Journal , 1 (2014), 93–104. http://rj.romai.ro/arhiva/2014/1/Lita-Pelican.pdf

30. Christian Mancas. On Database Relationships versus Mathematical Relations, in *Global Journal of Computer Science & Technology*, vol. 16, no. 1, 13-16, U.S.A., 2016 (https://globaljournals.org/GJCST_Volume16/3-On-Database-Relationships.pdf).

31. Christian Mancas. On the Paramount Importance of Database Constraints, in *Journal of Information Technology & Software Engineering*, vol. 5, no. 3, 1-4, Henderson, NV, U.S.A., 2015, DOI: 10.4172/2165-7866.1000e125 (https://www.omicsgroup.org/journals/on-the-paramount-importance-of-database-constraints-2165-7866-1000e125.pdf).

32. Christian Mancas. Will Software Engineering Projects Always Risk Delays?, in *Journal of Information Technology & Software Engineering*, vol. 4, no. 4, 1-3, Henderson, NV, U.S.A., 2014, DOI: 10.4172/2165-7866.1000e123 (http://omicsgroup.org/journals/will-software-development-projects-always-risk-delays-2165-7866.1000e123.php?aid=27255).

33. Christian Mancas, Alina Iuliana Dicu. Architecture, Design, Development, and Usage of *ODBDetective* 1.0, in ***Journal of Information Technology & Software Engineering***, vol. 3, no. 1, 1-13, Henderson, NV, U.S.A., 2013, DOI: [10.4172/2165-7866.1000119](http://omicsgroup.org/journals/architecture-design-development-and-usage-of-odbdetective-2165-7866.1000119.php?aid=17859) (http://omicsgroup.org/journals/architecture-design-development-and-usage-of-odbdetective-2165-7866.1000119.php?aid=17859).

34. Christian Mancas. Should Reverse Engineering Remain a Computer Science Cinderella?, in ***Journal of Information Technology & Software Engineering***, vol. 1, no. 1, 1-3, Henderson, NV, U.S.A., 2013, DOI: [10.4172/2165-7866.S5-e001](http://omicsgroup.org/journals/should-reverse-engineering-remain-a-computer-science-cinderella-2165-7866.S5-e001.php?aid=12682) (http://omicsgroup.org/journals/should-reverse-engineering-remain-a-computer-science-cinderella-2165-7866.S5-e001.php?aid=12682).

35. Christian Mancas, Alina Iuliana Dicu. *Architecture, design, development, and usage of ODBDetective 1.0.* Published in vol. 2, Issue 6, ***Journal of Information Technology & Software Engineering***, Henderson, NV, USA, July, 2013, DOI: 10.4172/2165-7866.1000119 (http://omicsgroup.org/journals/architecture-design-development-and-usage-of-odbdetective-2165-7866.1000119.pdf).

36. Christian Mancas, Alina Iuliana Dicu. *ODBDetective*: a metadata mining tool for detecting violations of some Oracle database design, implementation, querying, and manipulating best practice rules, in ***Seminar Series in Mathematics and Computer Science,*** vol. s14, 26-43, Ovidius University, Constanta, Romania, 2013, http://math.univ-ovidius.ro/SSMCS/scanate/2013.pdf.

37. Christian Mancas. Is Math Adequately Taught for Tomorrow's Software Engineers?, in ***Journal of Information Technology & Software Engineering***, vol. 2, no. 4, 1-5, Henderson, NV, U.S.A., 2012, DOI: [10.4172/2165-7866.1000e110](http://omicsgroup.org/journals/is-math-adequately-taught-for-tomorrows-software-engineers-2165-7866.1000e110.php?aid=8749) (http://omicsgroup.org/journals/is-math-adequately-taught-for-tomorrows-software-engineers-2165-7866.1000e110.php?aid=8749).

38. A. Nicola, C. Popa and Ulrich Rude, Projection algorithms with corrections, Journal of Applied Mathematics & Informatics, Vol 29(2011), No 3-4, pp697-712.

39. E. Pelican, R. Vernic, Parameters estimation for the bivariate Sarmanov distribution with normal-type marginals, ROMAI J, Vol 2(2013), 155-165.

40. E. Petac, A.O. Petac - The Challenge of Private Cloud for the Digital Business, In: Ovidius University Annals, Economic Sciences Series, 2016,

vol. XVI, Issue 1, pp.373-379, Code CNCSIS 444, Ovidius University Press, Constanta, Romania, ISSN-L 2393-3119, ISSN 2393-3119.

41. E. Petac, A.O. Petac - About Security Solutions in Fog Computing, In: Ovidius University Annals, Economic Sciences Series, 2016, vol. XVI, Issue 1, pp.380-385, Code CNCSIS 444, Ovidius University Press, Constanta, Romania, ISSN-L 2393-3119, ISSN 2393-3119.

42. E. Petac, P. Duma - Some Aspects of Intrusion Detection in IoE, In: Ovidius University Annals, Economic Sciences Series, 2015, vol. XV, Issue 1, pp.595-598, Cod CNCSIS 444, Ovidius University Press, Constanta, Romania, ISSN 1582-9383.

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

44. P.Duma, E. Petac, A. R. Alzoubaidi - Monitoring the MPL115A1 Pressure Sensor using a ATMEL Family Microcontroller, In: The Bulletin of the Politechnic Institute of Iasi, Electrical Engineering, Power Engineering, Electronics Section, Technical University "Gh. Asachi" Iasi, Romania, cod CNCSIS 87, Tome LIX (LXIII), Fasc. 1/2013, pp.73-84, Politehnium Publishing House, ISSN 1223-8139.

45. A. R. Alzoubaidi, D. Prodan-Palade, E. Petac - A Survey in Information Systems: Integral Part and a Strategic Partner for Good Corporate Governance, In: Ovidius University Annals, Economic Sciences Series, 2013, vol. XIII, issue 1, pp.395-400, Cod CNCSIS 444, Ovidius University Press, Constanta, Romania, ISSN 1582-9383.

46. D. Carp, C. Popa, C. Serban. Iterative solution of inconsistent systems of linear inequalities, Proceedings on Appl. math. and Mechanics (PAMM), 13(1)(2013), 407-408

47. Popa C. - On a direct solver for linear least squares problems, Annals of the Academy of Romanian Scientists: Series on Mathematics and its Applications, Vol. 8, No. 2(2016), 145-154.

48. Carp D., Popa C., Serban C. - A general iterative solver for unbalanced inconsistent transportation problems, Archives of Transport, Polish Academy of Sciences, , 37(1)(2016), 7-13

49. Carp D., Popa C., Serban C. - Modified Han algorithm for maritime containers transportation problem, ROMAI Journal, 10(1)(2014), 11-24

50. Carp D., Popa C., Serban C. - Regularized Han-type Algorithms for Inconsistent Maritime Container Transportation Problems, TransNav -

International Journal on Marine Navigation and Safety of Sea Transportation, 8(4)(2014), 579-583

51. Dumitru Popa, Nuclear multilinear operators with respect to a partition. Rend. Circ. Mat. Palermo (2) 61 (2012), no. 3, 307—319.; http://link.springer.com/article/10.1007/s12215-012-0091-5
52. Dumitru Popa, Asymptotic behavior of some sums associated to an infinite set of natural numbers, Gazeta matematica seria A, Nr. 3-4, 94-100, (2012); http://ssmr.ro/gazeta/gma/2012/gma3-4-2012-continut.pdf
53. Dumitru Popa, The limit of some sequences of double integrals on the unit square, Gazeta Matematica Seria A, Nr.1-2, 19-26 (2014). http://ssmr.ro/gazeta/gma/2014/gma1-2-2014-continut.pdf
54. Dumitru Popa, The limit, the continuity and the Frechet differentiability of some functions on Rn, Gazeta matematica seria A, Nr. 3-4, 15-19, (2014); http://ssmr.ro/gazeta/gma/2014/gma3-4-2014-continut.pdf
55. Dumitru Popa, Functions for which mixed partial derivatives are distinct, Gazeta Matematica Seria A, Nr.3-4, 1-10, (2014). http://ssmr.ro/gazeta/gma/2014/gma3-4-2014-continut.pdf
56. Dumitru Popa, Limits of multiple integrals over hyperbola domains, Gazeta matematica seria A, Nr. 1-2, 9-16, (2015). http://ssmr.ro/gazeta/gma/2015/gma1-2-2015-continut.pdf
57. Dumitru Popa, Twice Frechet differentiability of some functions on Rn , Gazeta matematica seria A, Nr. 3-4, 21-27, (2015). http://ssmr.ro/gazeta/gma/2015/gma3-4-2015-continut.pdf
58. Dumitru Popa, Limits of integrals of functions over various domains, Gazeta matematica seria A, Nr. 1-2, 6-17, (2016). http://ssmr.ro/gazeta/gma/2016/gma1-2-2016-continut.pdf
59. Dorin-Mircea Popovici, Radu-Daniel Vatavu, and Mihai Polceanu. 2015. GRASPhere: a prototype to augment indirect touch with grasping gestures. In Proceedings of the 14th International Conference on Mobile and Ubiquitous Multimedia (MUM '15). ACM, New York, NY, USA, 350-354. DOI=http://dx.doi.org/10.1145/2836041.2841206
60. Dorin-Mircea Popovici, Mihai Polceanu, and Aniela Popescu. 2015. Augmenting User Experience in Virtual Environments Through Haptic Feedback. In Proceedings of the 7th Balkan Conference on Informatics Conference (BCI '15). ACM, New York, NY, USA, , Article 10 , 6 pages. DOI=http://dx.doi.org/10.1145/2801081.2801100
61. Tanase,L, Popovici, D.M., Utilizarea interfetelor vizuale in interactiunea om-masina, Revista Romana de interactiune Om-Calculator, 8(1), 2015, 63-78, MatrixRom

62. Felix G Hamza-Lup, Adrian Seitan, Dorin M Popovici, Crenguta M Bogdan, Liver Pathology Simulation: Algorithm for Haptic Rendering and Force Maps for Palpation Assessment, Medicine Meets Virtual Reality conference, MMVR20 2013, pg. 175-181 , doi:10.3233/978-1-61499-209-7-175 (DBLP)

63. M Duta, Corneliu I Amariei, Crenguta M Bogdan, Dorin M Popovici, Nicolae Ionescu, Cristina I Nuca, An overview of virtual and augmented reality in dental education, Oral Health and Dental management, pg. 42-49, Vol. 10, No. 1, 2011. (Index Copernicus)

64. A.V.Rizea, A.F.Dinca, C.Ilie, V.Hramco, M.Polceanu, D.M.Popovici, Utilizarea tehnologiei motion-capture in medii interactive in timp real, Proc. Of RoCHI2011, pg. 119-122, ISSN. 1843-4460

65. Crenguta M. Bogdan, Gabriela Ciobanu, "Ontology-based development of a students evaluation system", 9th International Conference eLearning and software for Education - eLSE 2013, Bucuresti, 25-26 aprilie 2013, 10.12753/2066-026X-13-036

66. Rusu, Andrei, Infinitely many maximal primitive positive clones in a diagonalizable algebra. Buletinul Academiei de Ştiinţe a Moldovei. Matematica. 2013, 2-3(73), 47-52. ISSN 1024-7696.

67. Rusu, Andrei, On sufficient conditions for expressibility of constants in the 4-valued extension of the propositional provability logic GL, Seminar Series in Mathematics and Computer Science (Sem. Ser. in Math & Comp. Sci.), Vol. 1(1), 2014, p. 29-40.

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

69. Savin D., About the Diophantine Equation x4-q4 = pyr, International Journal of Mathematics and Computation, vol.11, no. J11 (2011), p.21-27

70. Gabriel Ciobanu, G. Michele Pinna, Dragos Sburlan: Power of Causal Dependencies in Rule-Based Systems. *Journal of Automata, Languages and Combinatorics*, 19(1-4): 45-56 (2014)

71. Dragos Sburlan: Multiset Rewriting Systems and String Driven Computations. *Discrete Mathematics and Computer Science* 2014, 271-280.

72. Vernic, R. and Ungureanu, D. – "On two particular fuzzy numbers derived from probability distributions". Buletinul Ştiinţific al Universităţii din Piteşti, seria Matematică şi Informatică nr. 17, pag. 101-112, 2011. https://www.upit.ro/_document/8950/17_2011_101_vernic.pdf

73. Asimit, A., Vernic, R. and Zitikis, R. – "Evaluating risk measures and capital allocations based on multi-losses driven by a heavy-tailed background risk: The

multivariate Pareto-II model". Risks 1 (1), 14-33, 2013. http://www.mdpi.com/2227-9091/1/1/14/htm

74. Ungureanu, D. and Vernic, R. – "On a fuzzy cash flow model with insurance applications". Decisions in Economics and Finance 38 (1), 39-54, 2015. http://link.springer.com/article/10.1007/s10203-014-0157-2

75. Raducan, A.-M., Vernic, R. and Zbaganu, Gh. – "How common sense can be misleading in ruin theory". Annals of the University of Craiova, Mathematics and Computer Science Series 43(1), 2016, 72–81 http://inf.ucv.ro/~ami/index.php/ami/article/view/847

76. Eugen Zaharescu, „Enhanced Virtual E-Learning Environments Using Cloud Computing Architectures", International Journal of Computer Science Research and Application, Volume 2 Issue 1 - Special Issue – "Computer Science for Future Education [Selected papers from ICVL2011]" (ISSN 2012 - 9564), pp. 41-44, http://www.ijcsra.org/current-issue/v2i1 http://scholar.google.ro/citations?view_op=view_citation&hl=en&user=qAwYevoAAAAJ&citation_for_view=qAwYevoAAAAJ:Tyk-4Ss8FVUC

77. Alexandru Dimca, **Denis Ibadula**, Anca Daniela Macinic, *Numerical invariants and moduli spaces for line arrangements*, *Mathematisches Forschungsinstitut Oberwolfach gGmbH* , Oberwolfach Preprints 2017 (OWP 2017 - 02) ISSN 1864-7596, pp.1-23;

78. Christian Mancas, Valentina Dorobanțu. On enforcing relational constraints in *MatBase*, London Journal of Research in Computer Science and Technology (DOI 10.17472/LJCST) Volume 17, Issue 1, Compilation 1, January 2017, 39-47, DOI 6575, London Journals Press, London, UK. (https://journalspress.com/index.php?option=com_ljp&view=journals&layout=journal&journal_id=27).

79. Christian Mancas, Adrian Mocanu. *MatBase* DFS detecting and classifying E-RD cycles algorithm, Journal of Computer Science Applications and Information Technology (DOI 10.15226/2474-9257) Volume 2, Issue 4, November 2017, Symbiosys Online Publishing, Normal, IL (https://symbiosisonlinepublishing.com/computer-science-technology/).

80. E. Petac – A MPLS Simulation for Use in Design Networking for Multi Site Businesses, In: Ovidius University Annals, Economic Sciences Series, 2017, vol. XVII, Issue 1, pp. - , Code CNCSIS 444, Ovidius University Press, Constanta, Romania, Indexing in international databases: RePEc, DOAJ, EBSCO, CABELL, ULRICH'S, J-GATE, ERIH PLUS, Index Copernicus, Scientific Indexing Services, INFOBASE INDEX and ResearchBib, ISSN-L 2393-3119, ISSN 2393-3119

81. V. M. Pomazan, E. Petac - Managing Parameterized Parts With Variable Cut Dimensions, In: Journal of Industrial Design and Engineering Graphics (JIDEG), Volume 12, Issue 1, May 2017, pp. 153-156, Romania, ISSN (print version) – 1843-3766, ISSN (online version) – 2344-4681, ISSN-L 1843-3766, Indexing in international databases: **IndexCopernicus** , DOAJ - Directory of Open Acces Journal, EBSCO – Publishing, Proquest.

82. Popa C. - A note on Kaczmarz algorithm with remotest set control sequence, accepted for publication in Annals of the Academy of Romanian Scientists: Series on Mathematics and its Applications, 2017.

83. Pomparau I., Popa C. - j-SNARK software package for algebraic image reconstruction (in romanian), Rev. Rom. Inform. Autom., 23(4)(2013), 15-20.

84. D. Popa, An estimate for the difference between the p-norm and the q-norm, Gaz. Mat. Ser. A, Nr. 1-2, 11-17 (2017).

85. D. Popa, Aplicatii ale lemei Stolz-Cesaro, G. M. B., Nr. 2, 57-60 (2017).

86. D. Popa, Natura convergentei unei clase de siruri definite recurrent, G. M. B., Nr. 5, 225-230 (2017).

87. E. Bautu, D. Atodiresei, A. Bautu - Osimin - A meteorological data platform for processing SIMIN data built on open source software, Scientific Bulletin of Naval Academy, Vol. XXI, 2018, pg. 555-560.

88. Bobe, A. et all, Analysis and Detection of EEG Transient Waves During Sleep, ARS Medica Tomitana, Vol. 24, Nr. 3 (2018), p. 133-143. doi: 10.2478/arsm-2018-0025

89. Bobe, A. et all, K-Complex Detection Using The Continuous Wavelet Transform, ARS Medica Tomitana, Vol. 24, Nr. 4 (2018). doi: 10.2478/arsm-2018-0031

90. E. Petac, P. Duma - Exploring the New Era of Cybersecurity Governance, In: Ovidius University Annals, Economic Sciences Series, 2018, vol. XVIII, Issue 1, pp.358-363, Code CNCSIS 444, Ovidius University Press, Constanta, Romania, Indexing in international databases: RePEc, DOAJ, EBSCO, CABELL, ULRICH'S, J-GATE, ERIH PLUS, Index Copernicus, Scientific Indexing Services, INFOBASE INDEX and ResearchBib, ISSN-L 2393-3119; ISSN 2393-3127

91. P. Duma, E. Petac - Managing the Interface for Receiving Caller Identification Delivery Messages Using a Microcontroller(II) , In: The Bulletin of the Politechnic Institute of Iasi, Electrical Engineering, Power Engineering, Electronics Section, Technical University "Gh.Asachi" Iasi,

Romania, Code CNCSIS 87, Tome 63 (67), Fasc. 2/2017, pp.39-50, Politehnium Publishing House, ISSN 1223-8139, Online ISSN 2537-2726, Indexing in international databases:IndexCopernicus, getCITED, ULRICH'S;

92. Dumitrasc A., Leleux Ph., Popa C., Ruiz D., Torun S. - The augmented Block Cimmino algorithm revisited; http://arxiv.org/abs/1805.11487

93. D. Popa, Studiul convergentei unor sume, G. M. B., nr. 1, 2018, 1-7.

94. D. Popa, Limitele unor siruri de integrale, G. M. B., nr. 11, 2018, 505-516

95. Augmenting Selection by Intention for In-Vehicle Control and Command, Catalin DIACONESCU, Dragos Florin SBURLAN, Dorin-Mircea POPOVICI, Proceedings of the International Conference on Human-Computer Interaction (RoCHI2018), ISSN: 2501-9422, pg. 107-110, Ed. MatrixRom, 2018. (indexata OAJI)

96. Towards a VR-based Cognitive Assessment and Rehabilitation Tool for Cognitively Impaired Elderly People, Stefan Cojocaru, Dorin-Mircea Popovici, Proceedings of the International Conference on Human-Computer Interaction (RoCHI2018), ISSN: 2501-9422, pg. 12-17, Ed. MatrixRom, 2018. (indexata OAJI)

97. COJOCARU, Igor, ROȘCA, Alfreda, RUSU, Andrei, GUZUN, Mihail. Public Research and Innovation Infrastructure of the Republic of Moldova: Challenges and Oportunities. In: Lucrările Conferinței "CEE eDem and eGov Days 2018", 3-4 mai 2018. Budapesta, 2018, pp. 421-430, doi: 10.24989/ocg.v331.35. ISBN 978-3-903035-14-0.

98. CUJBA, Rodica; RUSU Andrei. On interoperability of research information based on CERIF in the Republic of Moldova. In: Proceedings of the Conference on Mathematical Foundations of Informatics MFOI2018, July 2-6, 2018, Chisinau, Republic of Moldova

99. Vernic, R. – On the Evaluation of the Distribution of a General Multivariate Collective Model: Recursions versus Fast Fourier Transform. Risks 6 (3), 87, 2018.

100. **Bautu, E.**, Draghici, C. Design and development of an Android-based quiz application. *International Journal of User-System Interaction 12(3)*, 149-162, 2019.

101. Cristina Draghici, **Elena Bautu**: Quizrific: an Android-based app for examinations. **RoCHI** 2019: 110-113

102. **Elena Bautu**, Carmen Ionela Tudose, **Crenguta Madalina Puchianu**: In-Vehicle System for Adaptive Filtering of Notifications. **RoCHI** 2019: 145-151

103. Emanuela Bran, **Elena Bautu, Dorin-Mircea Popovici**, Vasili Braga, Irina Cojuhari: Cultural Heritage Interactive Dissemination through Natural Interaction. **RoCHI** 2019: 156-161

104. **Cristina Flaut**, Daniel Flaut, Sarka Hoskova-Mayerova, Radu Vasile, From Old Ciphers to Modern Communications, Advances in Military Technology, 1(2)(2019), January 2019.

105. **Iordache D.,** Maritime cyber threats vs solutions, Proceedings the 15-th International conference "Strategies XXI Strategic changes in security and international relations", Bucharest, 11-12 April 2019, Volume XV, part.3, pag. 141-146 (indexat ProQuest)

106. **E. Petac**, A. Constantin - IoT Embedded System for Environmental Monitoring, In: Ovidius University Annals, Economic Sciences Series, 2019, vol. XIX, Issue 1, pp.487-495, Code CNCSIS 444, Ovidius University Press, Constanta, Romania, ISSN 1582-9383.

107. P. Duma, **E. Petac** – Management of the RDA580TM digital tuner with Atmel microcontroller , In: The Bulletin of the Politechnic Institute of Iasi, Electrical Engineering, Power Engineering, Electronics Section, Technical University "Gh.Asachi" Iasi, Romania, Code CNCSIS 87, Tome 63 (67), Fasc. 2/2019, pp.87-98, Politehnium Publishing House, ISSN 1223-8139, Online ISSN 2537-2726.

108. Dumitrasc A., Leleux Ph., **Popa C.**, Ruiz D., Ruede U. - On numerical solution of full rank linear systems; http://arxiv.org/abs/1908.11746, 2019.

109. **Dumitru Popa**, Siruri recurente si asimptotice oblice, Gazeta Matematica seria B, Nr. 5, 225-235, 2019.

110. **Dumitru Popa**, The asymptotic evaluations of the sum $\sum\{k=1\}^{n}f([n]\sqrt(k))$, Gazeta Matematica seria A, Nr. 1-2, 6-13, 2019.

c) articole in proceedings-uri

c1) internationale

1. A. Bărbulescu, F. Stoica, L. F. Stoica, Sensemaking with Interactive Data Visualization, in Proceedings of the 28th IBIMA Conference, Sevilla, Spain, 9-10.11.2016, Vision 2020: Innovation Management, Development Sustainability, and Competitive Economic Growth, K.S. Soliman editor, pp. 3213 – 3228, International Business Information Management Association (IBIMA) – ISI Proceedings

2. A. Bărbulescu, J. Deguenon, Fitting Precipitation Variability in Dobrudja region, Recent Researches in Applied Computers and Computational Science, 2012, pp. 30-35 (ISBN 978-1-61804-084-8) (ACM) www.wseas.us/e-library/conferences/2012/Rovaniemi/ACACOS/ACACOS-03.pdf

3. A. Bărbulescu, J. Deguenon, Nonparametric models for the regional precipitation evolution in Dobrudja, Recent Researches in Applied Computers and Computational Science, 2012, pp. 41 - 45 (ISBN 978-1-61804-084-8) (ACM) www.wseas.us/e-library/conferences/2012/Rovaniemi/ACACOS/ACACOS-05.pdf

4. C. Maftei, A. Bărbulescu, P. Hubert, C. Serban, G. Dobrică, Statistical analysis of precipitation from Constanța (Romania) Meteorological Station, Recent Researches in Applied Computers and Computational Science, 2012, pp. 52 - 57 (ISBN 978-1-61804-084-8) (ACM)

5. J. Deguenon, A. Bărbulescu, M. Sarr, GPD Models for extreme rainfall with cyclic trend detection over ten stations in Dobrudja, Computational Engineering in Systems Applications, vol. II, 2011, pp. 131 – 136 (ISBN 978-1-61804-014-5) (Google Scholar)

6. Bărbulescu, D. Savin, Some Congruences of Fibonacci and Lucas numbers and Properties of Fibonacci Functions, Recent Researches in Applied Mathematics and Informatics, pp.129-133 (ISBN: 978-1-61804-059-6) (Google Scholar)

7. A. Sanayei, F. R. Roodposhti, T. Torabi, A. Bărbulescu, A Link between Economic Crisis and Chaos Control, Mathematical Models and Methods in Applied Sciences, 2012, pp.141-145. (Google Scholar)

8. A. Bărbulescu, L. Barbeș, Models for Pollutants Evolution in an Urban Area, Mathematical Models and Methods in Applied Sciences, 2012, pp.151-156. (Google Scholar)

9. A. Bărbulescu, I. Ilie, Stock Market Indices Prediction Using Time Series Analysis, Mathematical Models and Methods in Applied Sciences, 2012, pp. 180 - 185. (Google Scholar)

10. A. Bărbulescu, D. Simian, Theoretical and practical approaches for time series prediction, Proceedings of Third International Conference on Modeling and Development of Intelligent Systems, October 10 - 12, 2013, Sibiu, Romania, Lucian Blaga University Press, 2014, pp. 40 – 48

11. Bărbulescu, L. Barbes, Modelling the pollutants dissipation, Proceedings of the 14th International Conference on Environmental Science and Technology, Rhodes, Greece, 3 - 5.09.2015.

12. Ozten Chelai Conceptual Architectures For Context-Aware Systems – International Conference on Creative Collaboration through Supportive Technologies, ISBN 978-606-25-0190-7, July 24, 2015, Constanta, Romania

13. Ozten Chelai Sisteme de calcul sensitive la context – International Conference on Creative Collaboration through Supportive Technologies, ISBN 978-606-25-0190-7, July 24, 2015, Constanta, Romania

14. Ozten Chelai, A Hierarchical Architecture for Control Systems - International Journal of Mathematics and Computation - ISSN 0974-5718 (print); ISSN 0974-570X(Online), 2011, Volume 10, Number M11 (Special Volume),pag. 107-116

15. 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.

16. L. (Lita) Grecu, E Pelican, "Comparative Study of NN, PCA and COD algorithms for Pattern Recognition", Topics in mathematical modelling of life science problems - Proceedings of the 9th Workshop on Mathematical Modeling for Environments and Life Science Problems, November 1-4, 2012, Constanta, Romania, MatrixRom Bucharest, 2013, 27-42, ISSN 2344 – 1801

17. Christian Mancas. Algorithms for Keys Discovery Assistance, in Perspectives in Business Informatics Research, 2016, 322-338, Springer Verlag, LNBIP 261, DOI: 10.1007/978-3-319-45321-7 (http://www.springer.com/gp/book/9783319453200)

18. Christian Mancas, Alina Iuliana Dicu. On assisting domain and not null constraint management with DBDetective 2.0 for Oracle, in Proc. of the 19th International Conference on System Theory, Control and Computing ICSTCC 2015, 842-847, IEEE, DOI: 10.1109/ICSTCC.2015.7321399 (http://ieeexplore.ieee.org/document/7321399/?reload=true).

19. L. Lita, E. Pelican, Systematic and comparative experiments with some algorithms for pattern recognition, Topics in mathematical modelling of life science problems - Proceeding of the 9th Workshop on Mathematical Modeling for Environmental and Life Science Problems, November 1-4,

2012, Constanta, Romania, MatrixRom Bucharest, 2013, 27-42, ISSN 2344 - 1801.

20. M. Sammany, E. Pelican, and H. Al- Najar, Approximating Functions of Vertical Atmospheric Temperature Profiles Retrieved from the Solutions of Fredholm First Kind Integral Equation, Proceedings of the 8th Workshop on Mathematical Modelling of Environmental and Life Sciences Problems, October 21-24, 2010, Constanta, Romania, MatrixRom, Bucharest, 2011.

21. V. A. Minuta, E. Petac - A Virtual Routing Solution for IP Networks, In: Proceedings of the International Conference on Interdisciplinary Studies (ICIS 2016) - Interdisciplinarity and Creativity in the Knowledge Society , Ph.D. Valentina Pomazan (Ed.), InTech, pp. 53-80, DOI: 10.5772/65415. Available from: http://cdn.intechopen.com/pdfs-wm/52456.pdf

22. I. C. Manole, E. Petac - Social Informatics and the Dynamic of Contemporary Society, In: Proceedings of the International Conference on Interdisciplinary Studies (ICIS 2016) - Interdisciplinarity and Creativity in the Knowledge Society , Ph.D. Valentina Pomazan (Ed.), InTech, pp. 81-92, DOI: 10.5772/65416. Available from: http://cdn.intechopen.com/pdfs-wm/52827.pdf

23. E. Petac, A. R. Alzoubaidi, P.Duma, - Some Experimental Results About Security Solutions Against DDoS Attacks, In: Proceedings of the International Symposium on Signals, Circuits and Systems (ISSCS 2013), 11 - 12 July, 2013, Iasi, Romania, IEEE Catalog Number: CFP13816-CDR,ISBN: 978-1-4673-6141-5,IEEEXplore,INSPEC (Accession Number: 13879788),DOI:10.1109/ISSCS.2013.6651193

24. E. Petac - New Challenges of Supportive Technologies for Education, In: Proceedings of International Conference on Creative Collaboration through Supportive Technologies (ICCCST 2015), July 24, 2015, Constanta, Romania, CD, MatrixRom Publishing House, CNCSIS 39, Bucharest, Romania, ISBN 978-606-25-0190-7.

25. E. Petac - Packet Tracer as a Supportive Tool Dedicated to Gain Practical Networking Skills, In: Proceedings of International Conference on Creative Collaboration through Supportive Technologies (ICCCST 2015), July 24, 2015, Constanta, Romania, CD, MatrixRom Publishing House, CNCSIS 39, Bucharest, Romania, ISBN 978-606-25-0190-7.

26. D. Petac, E. Petac - Educational Software Solutions for Interactive Learning of Linear Codes, In: Proceedings of International Conference on Creative Collaboration through Supportive Technologies (ICCCST 2015), July 24,

2015, Constanta, Romania, CD, MatrixRom Publishing House, CNCSIS 39, Bucharest, Romania, ISBN 978-606-25-0190-7.

27. G. L. Zaharia, E. Petac - Aspecte privind Moodle ca soluţie de E-learning, In: Proceedings of International Conference on Creative Collaboration through Supportive Technologies (ICCCST 2015), July 24, 2015, Constanta, Romania, CD, MatrixRom Publishing House, CNCSIS 39, Bucharest, Romania, ISBN 978-606-25-0190-7.

28. Carp D., Popa C., Serban C. - Iterative solution of inconsistent systems of linear inequalities, Proceedings on Appl. math. and Mechanics (PAMM), 13(1)(2013), 407-408

29. Petra S., Schnoerr C., Popa C. - Bregman-Based First-Order Algorithms for Non-Negative Compressed Sensing Problems, Proceedings of the 9th Workshop on Mathematical Modelling on Environmental and Life Sciences Problems, November 1-4, 2012, Constanta, Romania; Topics in mathematical modelling of life science problems, Ed. MatrixRom, Bucharest, 2013, 43 -- 60; ISSN 2344 – 1801

30. Crenguta Madalina Puchianu, Anata Flavia Ionescu, Dorin Mircea Popovici, Daniela Căprioară, „Statistical software for educational researches", 12th International Conference eLearning and software for Education - eLSE 2016, Bucuresti, 21-22 aprilie 2016, 10.12753/2066-026X-16-116

31. IZBAŞ, O.; RUSU, A. On absence of finite approximation relative to model completeness in the propositional provability logic. In: Proceedings of the Third Conference of Mathematical Society of Moldova IMCS-5: dedicated to the 50th anniversary of the foundation of the Institute of Mathematics and Computer Science, 19-23 aug. 2014, Chişinău, Moldova: Proceedings IMCS-50. Chişinău: Institute of Mathematics and Computer Science, Acad. of Sciences of Moldova, 2014, pp. 98-101. ISBN: 978-9975-68-244-2.

32. RUSU, A. On ontology of research, development and innovation in Republic of Moldova. In: Proceedings of the Third Conference of Mathematical Society of Moldova IMCS-5: dedicated to the 50th anniversary of the foundation of the Institute of Mathematics and Computer Science, 19-23 aug. 2014, Chişinău, Moldova: Proceedings IMCS-50. Chişinău: Institute of Mathematics and Computer Science, Acad. of Sciences of Moldova, 2014, pp. 553-556. ISBN: 978-9975-68-244-2.

33. RUSU, A. Infinitely many precomplete relative to parametric expressibility classes of formulas in a provability logic. In: Proceedings of the International Conference on Intelligent Information Systems, August 20-23, 2013. Chişinău, 2013, pp. 144-147. ISBN 978-9975-4237-1-7.

34. Rusu, Andrei, Rusu Elena, On computer aided knowledge discovery in logic and related areas. In: Proceedings of the Conference on Mathematical Foundations of Informatics MFOI2016, July 25-29, 2016, Institutul de Matematică și Informatică, 25-30 iulie 2016, Chișinău. Chișinău: Tipografia ”Valinex” SRL, 2016, pp. 299-306. ISBN: 978-9975-4237-4-8.

35. RUSU, Andrei, RUSU, Elena. On e-Infrastructure for SSO in R&D and education organizations of Republic of Moldova. In: Proceedings of the 5th International Conference "Telecommunications, Electronics and Informatics". May 20-23, 2015, Chișinău, Moldova. Chișinău: Ed. Tehnica–UTM, 2015, pp. 294-295. ISBN 978-9975-45-377-6

36. RUSU, Andrei, RUSU, Elena, Utilizare GeoGebra în LaTeX, In: Proceedings of the International Conference on Creative Collaboration through Suppotive Technologies (ICCCST 2015), coord. Eugen Petac, Ed. Matrix Rom, Bucuresti, 2015, pp. 48-53 (ISBN: 978-606-25-0202-7).

37. RUSU, Elena, RUSU, Andrei, GeoGebra pentru calculul integral, In: Proceedings of the International Conference on Creative Collaboration through Suppotive Technologies (ICCCST 2015), coord. Eugen Petac, Ed. Matrix Rom, Bucuresti, 2015, pp. 26-29 (ISBN: 978-606-25-0202-7).

38. Rusu A., On existential expressibility in a paraconsistent logic, The 20th Conference on Applied and Industrial Mathematics. Communications. Chișinău, 2012, p. 197—198. ISBN 978-9975-76-090-4

39. D. Savin, Quaternion algebras and symbol algebras over algebraic number field K, with the degree [K:Q] even, Gulf Journal of Mathematics, Vol 4, Issue 4 (2016), p. 16-21.

40. Gabriel Ciobanu, Dragos Sburlan, Causal Sequences and Indexed Multisets, *Proc. 14th Int. Conf. on Membrane Computing*, 2014, Ed. Academy of Sciences Moldova, 303-308.

41. Eugen Zaharescu, Georgeta-Atena Zaharescu, "Hypermedia Service Oriented Archives For E-learning", Proceedings of International Conference on Creative Collaboration through Supportive Technologies (ICCCST 2015)-ProWeb Workshop-July 24, 2015, Constanta, Romania, MATRIXROM, Bucharest, Romania 2015 (ISBN: 978-606-25-0190-7), Pages: 218-223 http://www.univ-ovidius.ro/icccst2015

42. Eugen Zaharescu „Semantic Web Technologies Integrated in a SOA-Based E-Learning System", Proceedings of the 6th International Conference On Virtual Learning, October 28 - 29, 2011, Bucharest University Press (ISSN 1844 - 8933), pp. 400-406. http://c3.icvl.eu/2011/accepted-full-papers

43. Eugen Zaharescu „Cloud Computing for E-Learning", Proceedings of the 6th International Conference On Virtual Learning, October 28 - 29,

2011, Bucharest University Press (ISSN 1844 - 8933), pp. 407-413. http://c3.icvl.eu/2011/accepted-full-papers

44.   **Băutu, E.** and Băutu, A., 2018, June. PlagZap: A Textual Plagiarism Detection System for Student Assignments Built with Open-Source Software. In The 13th International Conference on Soft Computing Models in Industrial and Environmental Applications (pp. 500-508). Springer, Cham. (conferinta de rang B, conform CORE2018)

45. **S. Morar, E. Pelican, D.M. Popovici**, Filter Application on Facial Features in a Smartphone App, RoCHI Conference Proceedings (International Conference on Human-Computer Interaction), Cluj Napoca 2018, ISSN 2501-9422, 5-11.

46. **E. Vezeteu, D. Sburlan, E. Pelican**, Speech and Speaker Recognition for Romanian Language, RoCHI Conference Proceedings (International Conference on Human-Computer Interaction), Cluj Napoca 2018, ISSN 2501-9422, 54-62.

47. Ion S., **Pelican E., Popa C.**, eds - Proceedings of the 11th Workshop on Mathematical Modelling of Environmental and Life Sciences Problems, October 12-16, 2016 Constanta, Romania, Analele Stiintifice ale Universitatii Ovidius, Constanta. Seria Matematica, XXVI(2) (2018), 299 pages; ISSN: 1224-1784;

48. From Exploration of Virtual Replica to Cultural Immersion through Natural Gestures, Catalin DIACONESCU, Matei-Ioan POPOVICI, **Dorin-Mircea POPOVICI**, Proceedings of the 1st International Conference on VR Technologies in Cultural Heritage 2018, ISBN: 978-3-030-05819-7

49. Petrică Cloşcaru, Liviu Iosif, **Crenguţa-Mădălina Puchianu**, „An interactive Alphabet for Preeschoolers", 14th International Conference eLearning and software for Education - eLSE 2018, Bucuresti, 19-20 aprilie 2018, 10.12753/2066-026X-18-035

50. **Dragos Sburlan**, Aggregating Parallel Multiset Rewriting Systems, Lecture Notes in Computer Science, LNCS, volume 11270, 269-278

51. C. A. Mocanu-Vargancsik, A. Barbulescu, Study of the Temperature's Evolution Trend on the Black Sea Shore at Constanta, Sea-Conf 2019, IOP Conference Series: Journal of Physics Conference Series 1297, 2019, art. 012010. doi:10.1088/1742-6596/1297/1/012010

52. C. A. Mocanu - Vargancsik, A. Barbulescu, On the variability of a river water flow, under seasonal conditions. Case study, WRE 2019, Macao, IOP Conference Series: Earth and Environmental Science, 344, 2019. art. 012028. doi:10.1088/1755-1315/344/1/012028

53. Ionescu, A. F. (2019). E-learning as a Service: Benefits of the Semantic Web and SOA for Virtual Learning. International Conference of Virtual Learning (ICVL), 25-26 Octombrie 2019, Bucureşti.

54. Ionescu, A. F. (2019). Designing Virtual Learning Systems: Current Trends and Evaluation. International Conference of Virtual Learning (ICVL), 25-26 Octombrie 2019, Bucureşti.

55. Ionescu, A. F., Sburlan, D. (2019). AdABI: An Adaptive Assessment System Based on Bayesian Inference. 15th International Scientific Conference on eLearning and Software for Education (eLSE) - New Technologies and Redesigning Learning Spaces, 11-12 aprilie 2019, Bucureşti, p. 288-295.

56. Adrian Aiordăchioae, Radu-Daniel Vatavu, Dorin Mircea Popovici. (2019). A Design Space for Vehicular LifeLogging to Support Creation of Digital Content in Connected

Cars. Proceedings of EICS '19, the 11th the ACM SIGCHI Symposium on Engineering Interactive Computing Systems. New York, NY, USA: ACM Press, Article No. 9, 6 Pages. http://dx.doi.org/10.1145/3319499.3328234

57. Cultural Heritage Interactive Dissemination through Natural Interaction, Emanuela Bran, Elena Bautu, Dorin-Mircea Popovici, Vasili Braga, Irina Cojuhari, Proceedings of the International Conference on Human-Computer Interaction (RoCHI2019), ISSN: 2501-9422, pg. - , Ed. MatrixRom, 2019.

58. MyBand a software system for music performances assistance, Cosmin Beniamin Cristea, Dorin-Mircea Popovici, Proceedings of the International Conference on Human-Computer Interaction (RoCHI2019), ISSN: 2501-9422, pg. - , Ed. MatrixRom, 2019.

59. Elena Băutu, Carmen I. Tudose, Crenguţa M. Puchianu, „In-Vehicle System for Adaptive Filtering of Notifications", International conference on Human-Computer Interaction – RoCHI 2019, București, editura Matrix Rom, ISSN: 2501-9422, pag. 145-151, 2019

60. RUSU, Andrei, ȚURCAN, Nelly, CUJBA, Rodica, GRECU, Mihai. Research data in the context of open science: Case of the Republic of Moldova. In: NEMESLAKI, András et al. (Eds). Proceedings of the Central and Eastern European E|Dem and E|Gov Days, May 2-3, 2019, Budapest. Vien: Austrian Computer Society, 2019, pp. 319-328. ISBN 978-3-903035-24-9.

c2) nationale

1. Dorin M. Popovici, Felix G. Hamza-Lup, Crenguta M. Bogdan, Elena Bautu, Cristian A. Corleanca, "Utilizarea feedback-ului haptic în simularea actului medical.", Conferinta Nationala de Interactiune Om-Calculator – RoCHI 2014, http://oaji.net/articles/2015/2024-1431583009.pdf, 2014, indexat OAJI

2. Juncu Gh., Nicola A., Popa C., Stroila E. - Preconditioned ietrative solvers for multicomponent convection-diffusion-reaction equations, Proceedings of the XXXIII-nd "Caius Iacob" National Conference on Fluid Mechanics and its Technical Applications, September 29 - 30, 2011, ``Elie Carafoli'' National Institute for Aerospace Research INCAS Bucharest, 2011, 101-108; ISSN 2067-4414

3. E. Petac – ProWeb - O solutie moderna pentru formarea continua, Simpozion International de Comunicari Stiintifice: Calitate, Inovatie si eficienta in educatie, editia a VII-a 2015, Constanta, iunie 2015, Editura Punct Ochit, Constanta, 2015, pag. 200-204, ISBN: 978-606-8035-87-1.

4. E. Petac, D. Petac – Asupra securitatii informatiei bazate pe curbe eliptice (II), pag. 8-10, Revista de matematica si informatica, anul XII, nr.2, martie 2012, Constanta, ISSN: 15825825

5. E. Petac, D. Petac – Asupra securitatii informatiei bazate pe curbe eliptice (I), pag.6-8, Revista de matematica si informatica, anul XII, nr.1, ianuarie 2012, Constanta, ISSN: 15825825

6. Juncu G., Popa C. - Brinkman-Forchheimer-Darcy flow past an impermeable cylinder embedded in a porous medium, INCAS Bulletin, 7(4)(2015), 95-102

7. Popa C., Carp D., Serban C. - Cost Optimization of a 3-index Maritime Container Transportation Problem using the Modified Han Algorithm, in Proceedings of the 11th Intern. Conf. "Actual problems on global economy", May 29-30 2014, Constanta; Analele Universitatii Ovidius din Constanta-Seria Stiinte Economice (ISSN 1582-9383), XIV(1)(2014), 268-273

8. C. Flaut, D. Savin, About quaternion algebras and symbol algebras, Bull. Univ. Transilvania Brasov, Seria III, vol 7(56) (2014), no 2, p. 59-64.

9. Pelican E. şi Vernic, R. – "Parameters estimation for the bivariate Sarmanov distribution with normal-type marginals". ROMAI Journal 9 (2), 2013, pag. 155-165. (CAIM sept. 2013)

10. Andrei Bautu, Elena Bautu, Design of a student-centered management plugin for Moodle LMS, SeaConf 2017, pp 10, ISSN 2457-144X

11. Andrei Bautu, Elena Bautu, Microtransactions model for mobile application marketplaces, SeaConf2017, pp. 11, ISSN 2457-144X

12. Juncu Gh., Nicola A., Popa C. - Iterative methods for numerical solution of the multicomponent mass transfer equations, Proceedings of the 8th Workshop on Mathematical Modelling on Environmental and Life Sciences Problems, October 21-24, 2010, Constanta, Romania; Topics in mathematical modelling of life science problems, Editura MatrixRom, Bucharest, 2011 71 - 86; ISBN 978-973-755-772-8

2. Carti si capitole in carti

1. Luchian, Henri, Andrei Băutu, and **Elena Băutu**. "Genetic Programming Techniques with Applications in the Oil and Gas Industry." Artificial Intelligent Approaches in Petroleum Geosciences. Springer International Publishing, 2015. 101-126. http://link.springer.com/chapter/10.1007/978-3-319-16531-8_3

2. Constantin Cranganu, **Elena Bautu**, and Mihaela Breaban, Intelligent Approaches in Upstream Oil and Gas Industry, in C. Cranganu (ed.), Natural Gas and Petroleum: Production Strategies, Environmental Implications and Future Challenges, Nova Science Publishers, Inc. ISBN: 978-1-62808-535-8, p. 13 -70, https://www.novapublishers.com/catalog/product_info.php?products_id=44211&osCsid=c4ebf37c86ad99d2543933dd6f4bcf80 , (2013)

3. **A. Bărbulescu**, J. Deguenon, D. Teodorescu, Study on water resources in the Black Sea region, Nova Publishers, USA, 2011 (ISBN 978 – 1 – 61122 – 542 – 4)

4. C.I. Koncsag, **A. Bărbulescu**, Liquid-liquid extraction with and without a chemical reaction, in Mass Transfer in Multiphase Systems and its Applications (ed. M. El-Amin), InTech, Austria, 2011, pp. 207 – 232 (ISBN 978 – 953 – 307 – 215 – 9)

5. **A. Bărbulescu**, D. Teodorescu, J. Deguenon, Study on Water Resources in the Romanian Black Sea Region, in The Black Sea: Dynamics, Ecology and Conservation, (eds. A.M. Ryann, N.J. Perkins), Nova Publishers, USA, 2011, pp 175 -205 (ISBN 978 – 1 – 61122 – 855 – 7)

6. V. E. Bălas, I. M. Motoc, **A. Bărbulescu,** Combined Haar-Hilbert and Log-Gabor Based Iris Encoders, in New Concepts and Applications in Soft Computing (V. Balas et al., eds), Studies in Computational Intelligence Series, vol. 417, 2013, pp. 1-26, ISBN 978-3-642-28958-3, Springer - Verlag.

7. **A. Barbulescu**, S.V. Balas, I.E. Koles, C.A. Mnerie, On the Long Range Dependence Property of the Electrical Signals Collected in Cavitation Field, in Soft Computing Applications, vol. 357 of the series Advances in Intelligent Systems and Computing, (eds. V.E. Balas, L. C. Jain, B. Kovacevic), Springer, 2016, pp 781-789 (ISBN: 978-3-319-18415-9 (Print) 978-3-319-18416-6 (Online)).

8. **A. Barbulescu**, Studies on time series. Applications in Environmental Sciences, Springer, 2016

9. **W. Boskoff,** Discovering Geometry: An Axiomatic Approach, ISBN:978-973-755-668-4, Ed.MatrixRom, 2011, 140 pp. (exista o a doua editie in 2014)

10. **Ozten Chelai, Cristina Serban,** Bazele programarii in limbaj de asamblare a microprocesoarelor Intel x86. Lucrari de laborator , Ozten Chelai, Cristina Serban, Ovidius University Press, 2016, 85 pg., ISBN 978-973-614-943-6

11. **Ozten Chelai**, Aplicaţii educaţionale web 2.0 în aria curriculară "Matematică şi Ştiinţe ale Naturii", cap. 3 și 4 - TIPOLOGIA INSTRUMENTELOR WEB 2.0, (28 pagini) , 2015

12. **George-Valentin Cîrlig**, 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.

13. **V. Ene**, J. Herzog, Groebner bases in Commutative Algebra, Graduate Studies in Mathematics 130, American Mathematical Society, Providence, RI, 2012, 164 pp.

14. **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.;

15. **Denis Ibadula**, *Probleme actuale in studiul functiei zeta Igusa*, The publishing house Expert of the National Institute INCE of the Romanian Academy, Bucharest, 2013, 144 pp;

16. **E. Pelican, L.Lita,** Algoritmi pentru recunoasterea fetelor, MatrixRom, Bucuresti, 2015; 200 pp; ISBN 978 - 606 – 25 – 0141 - 9.

17. **Christian Mancas.** *Conceptual Data Modeling and DB Design. A Fully Algorithmic Approach. Vol. I: The Shortest Available Path*, Apple Academic Press / CRC Press / Francis & Taylor, NJ, USA, 2015, ISBN 978-1-77188-124-1 (https://www.crcpress.com/Conceptual-Data-Modeling-and-Database-Design-A-Fully-Algorithmic-Approach/Mancas/p/book/9781771881241).

18. **E. Pelican,** C.R. Cristea, Playing with GUIs in MatLab, Lambert Academic Publishing 2011; 159 pp; ISBN 978 - 3 – 8465 – 0808 - 4.

19. **E. Petac**, B. Muşat – Reţele de calculatoare. Studii experimentale, Editura Crizon, Constanta, 2012, 511 pagini, ISBN 978-606-8476-02-5

20. **E. Petac, C. Serban** – Infomatica aplicata. Ghid practic Java, Editura Crizon, Constanta, 2012, 369 pagini, ISBN 978-606-8476-00-1

21. **E. Petac, C. Serban** – Informatica aplicata. Programare in Java – Editura MatrixRom - cod CNCSIS 39, Bucuresti, 2011, 364 pag, ISBN 978- 973-755-754

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

23. **C. Popa.** Projection algorithms - classical results and developments. Applications to image reconstruction, Lambert Academic Publishing - AV Akademikerverlag GmbH & Co. KG, Saarbr ucken, Germany, 2012 (235 pages); ISBN 978-3-659-15960-2

24. **D.M. Popovici,** M.Polceanu, *Grafica pe calculator*, Ed. MatrixRom, 2014, pg 206, ISBN 978-606-25-0059-7.

25. **D.M. Popovici,** *Realitate virtuala si augmentata*, Ed.Universitaria, 2014, pg.233, ISBN 978-606-14-0818-4.

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

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

28. **Popovici D. M. (coordonator), Zaharescu E., Rusu A., Puchianu C. M., Sburlan D.,** Medii virtuale multimodale distribuite, Editura Universitaria Craiova şi Editura Prouniversitaria Bucuresti, 978-606-26-0280-2, 2015, vol 3, 266 pag.

29. **D.M.Popovici (coordonator), C.Popa, A. Nicola, E. Petac,** Medii Virtuale Multimodale Distribuite vol.IV, Editura Universitaria Craiova 2015 - cod CNCSIS 130/ Editura Pro Universitaria Bucuresti 2015 - cod CNCSIS 102, 215 pag., ISBN 978-606-14-0917-4/ISBN 978-606-26-0281-9.

30. Serbanati L. D., **Bogdan C. M.,** Dezvoltarea orientata spre obiecte a programelor in Java, volumul I, Editura Politehnica Press, ISBN 978-606-515-109-3, 2/e, 2011, 249 pag.

31. **Bogdan C. M.,** Serbanati L. D., Dezvoltarea orientata spre obiecte a programelor in Java, volumul II, Editura Politehnica Press, ISBN 978-606-515-109-3, 2/e, 2011, 363 pag.

32. Neacşu I., Crahay M., Moraru M., Simion L., Totolan E., Totolan D., Casangiu L., Căprioară D., Plopeanu E., Nicoară V., Trandafirescu I., Vărăşteanu M., Mirea R., Dumitru M., Moroianu M., **Puchianu C. M.,** Ionescu A. F., **Sburlan D., Popovici D. M.,** Cercetarea în ştiinţele educaţiei. Ghid metodologic-operaţional. Aplicaţii, Editura Universitară, Bucureşti, 2015, ISBN: 978-606-28-0291-2, 339 pag.

33. Căprioară D., Neacşu I. (coordonatori), **C. Puchianu,** A.F. Ionescu, **D. Sburlan, D.M. Popovici,** „Repere în metodologia cercetării educaţionale. Teorie. Modele. Aplicaţii", secţiunea IV: Utilizarea instrumentelor IT în

cercetarea psihopedagogică, Editura Sitech Craiova, 2016, ISBN: 978-606-11-5285-8, 336 pag.

34. Ravi P. Agarwal, **Cristina Flaut**, An Introduction to Linear Algebra, CRC Press-Taylor and Francis Group, Florida 33487, U.S.A., 236 pagini, ISBN 978-1-138-62670-6, http://www.beck-shop.de/Agarwal-Flaut-Introduction-to-Linear-Algebra/productview.aspx?product=18862843 **.**

35. **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, **ISBN 978-3-319-40585-8 , http://www.springer.com/us/book/9783319405834**

36. **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, ISBN 978-3-319-40585-8, http://www.springer.com/us/book/9783319405834

37. Carp D., **Popa C., Serban C**. - Genetic Versus Han-Type Algorithms for Maritime Transportation Problems, in Finkl C., Makowski C. (eds) Diversity in Coastal Marine Sciences. Coastal Research Library, vol 23. Springer, Cham, 2017; 631-644; ISBN 978-3-319-57576-6; DOI https://doi.org/10.1007/978-3-319-57577-3_38

38. Ion S., **Popa C**., eds. - Topics in mathematical modelling of life sciences problems - Proceedings of the Ninth Workshop on Mathematical Modelling on Environmental and Life Sciences Problems, Constanta, November 2012, Constanta, Romania; Editura MatrixRom, Bucuresti, 2013; ISSN 2344-1801; 138 pages.

39. Ion S., **Popa C**, eds. - Topics in mathematical modelling of life sciences problems - Proceedings of the Eighth Workshop on Mathematical Modelling on Environmental and Life Sciences Problems, Constanta, November 2012, Constanta, Romania; Editura MatrixRom, Bucuresti, 2011; ISBN 978-973-755-772-8; 147 pages.

40. Ravi P. Agarwal, **Cristina Flaut**, Donal O'Regan, An Introduction to Real Analysis, will appear in 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 .

41. **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

42. Carp D., **Popa C., Serban C.** - Methods for improving the quality of image reconstruction in computerized Tomography, Chapter 5, pag. 95-120, Models and Theories in Social Systems, C. Flaut, S. Mayerova-Hoskova, D. Flaut (eds.), Studies in Systems, Decision and Control, vol. 179, Springer, Cham, 2018; ISBN 978-3-030-00083-7

43. Carp D., **Popa C., Serban C.** - Genetic Versus Han-Type Algorithms for Maritime Transportation Problems, Finkl C., Makowski C. (eds.) Diversity in Coastal Marine Sciences. Coastal Research Library, vol 23. Springer, Cham, 2018; pag. 631-644; ISBN 978-3-319-57576-6

44. CUCIUREANU, Gheorghe, COJOCARU, Igor, COJOCARU, Irina, ȚURCAN, Nelly, GRECU, Mihai, ROȘCA, Alfreda, **RUSU, Andrei**, CUJBA, Rodica, COȘULEANU, Ion, UNGUREANU, Elena, MINCIUNĂ, Vitalie. Știința deschisă în Republica Moldova: Studiu = Open science in the Republic of Moldova: Study. Chișinău: Institutul de Dezvoltare a Societății Informaționale, 2018, 264 p. ISBN 978-9975-3220-3-4, eISBN 978-9975-3220-4-1

45. 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**

46. **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

47. **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

48. **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, https://www.springer.com/us/book/9783030000837

49. **Ionescu, A. F., Popovici, D. M.** (2019). Applications of Multi-Agent Systems in Social Sciences: Virtual Enterprises as an Example, În Cristina Flaut, Šárka Hošková-Mayerová and Daniel Flaut, Models and Theories in Social Systems (pp. 311-325), Springer, Cham.

50. **D. Savin**, Special numbers, special quaternions and special symbol elements, appeared in the book Models and Theories in Social Systems, vol. 179, Springer 2019, ISBN-978-3-030- 00083-7 , p. 417-430 (capitol de carte).

3. Comunicari stiintifice sustinute la conferinte

1. G. Badea, Workshop for Young Researchers in Mathematics, 12-13 Mai 2011, Constanta
   On the multiple p-summing operators,
   http://math.univ-ovidius.ro/Workshop/2011/WYRM/Program.pdf
2. G. Badea, Workshop A new approach in theoretical and applied methods in algebra and analysis, 4-6 Aprilie, 2013
   On the summability of Hilbert multilinear operator,
   http://amaa-2013.wikispaces.com/Programme+of+the+workshop
3. G. Badea, Workshop for Young Researchers in Mathematics, 22-23 Mai 2014, Constanta
   A note on the bilinear version of Swartz's theorem,
   http://math.univ-ovidius.ro/Workshop/2014/WYRM/Doc/Program.pdf
4. G. Badea, Workshop for Young Researchers in Mathematics, 21-23 Mai 2015, Constanta
   The summing nature of the multiplication operator from lp (X) into c0 (Y),
   http://math.univ-ovidius.ro/Workshop/2015/WYRM/Doc/Program.pdf
5. G. Badea, The Eighth Congress of Romanian Mathematicians, Iasi 2015
   On the summing properties of the multilinear operators on a cartezian product of c0 (x) spaces,
   http://www.math.uaic.ro/cmr2015/programme/Functional%20Analysis,%20Operator%20Theory%20and%20Operator%20Algebras,%20Mathematical%20Physics.pdf
6. G. Badea, Workshop for Young Researchers in Mathematics, 19-22 Mai 2016, Constanta, *On the summing operators defined on a Cartesian product of c0 (X) spaces*
   http://math.univ-ovidius.ro/Workshop/2016/WYRM/Doc/Program.pdf?v=160518
1. A. Bărbulescu, Mathematical models for inorganic pollutants in Constanta area, Romania, Conferința internațională de Chimie Analitică, Analytical Chemistry for a Better Life, RO-ICAC' 2012, Târgoviște, 18 - 21.09.2012
2. A. E. Sterpu, A. Bărbulescu, L. Barbes, C.- I. Koncsag, Modelling the mixing process of industrial and domestic wastesludge, EcoImpuls 2013, Timisoara, 7 - 8.11.2013
3. A. Bărbulescu, A. Petac, Statistical assessement of precipitation evolution. Case study, Theodor Angheluta Seminar, Cluj – Napoca, 29 - 31.08.2013
4. C. Maftei, A. Bărbulescu, G. Dobrică, Change climate impact in hydrological events in Dobrogea region, EGU Viena, Austria, 15 - 18.04.2013
5. A. Barbulescu, Something about h-measures of sets in plane, Workshop on Algebraic and Analytic Number Theory and Their Applications, Constanta, 23 – 24.05.2013
6. A. Bărbulescu, D. Simian, Theoretical and practical approaches for time series prediction, Proceedings of Third International Conference on Modeling and Development of Intelligent Systems, October 10 - 12, 2013, , Lucian Blaga University, Sibiu, Romania

7. A. Bărbulescu, L.Barbes, Statistical Analysis and Mathematical Models for dissipation of Volatile Organic Compounds from Romanian Littoral, IC-ANMBES Brasov, 13 - 15.06.2014

8. A. Bărbulescu, On the Long Range Dependence Property of the Electrical Signals Collected in Cavitation Field, 6th International Workshop on Soft Computing and Applications, 24 - 26.07.2014, Timişoara, Soft Computing Techniques for Time-Series Analysis (SCTTSA – SOFA – 2014)

9. A. Bărbulescu, L. Barbes, Modelling the pollutants dissipation, Proceedings of the 14th International Conference on Environmental Science and Technology, Rhodes, Greece, 3 - 5.09.2015.

10. A. Bărbulescu, Do the statistical properties of a time series influence the performances of some artificial intelligence models? Forth International Conference on Modeling and Development of Intelligent Systems, October 28 – November 2, 2015, Sibiu, Romania, Lucian Blaga University

11. A. Bărbulescu, On the relationship between the statistical properties of the time series and its GRNN model, Theodor Angheluţă Conference 2016 – The Fifteenth International Conference on Applied Mathematics and Computer Science, Cluj – Napoca, 5-7.07.2016

12. A. Bărbulescu, S. Mascu, Modeling the relationship between energy, carbon and water efficiency of the most sustainable corporations in the world using GLM method, EcoSummit, 2016

13. A. Bărbulescu, L. Barbes, Analysis of atmospheric pollutants spreading in Romania, EcoSummit, 2016

14. A. Moraru, A. Barbulescu, C. Duhnea, A Case Study on Challenges and Perspectives of Ecolabelling in the Romanian Seaside Hotel Industry, EcoSummit, 2016

15. S. Mascu, A. Bărbulescu, The Impact of Environmental Tax Revenue on Air Pollution in Central and Eastern European Countries: An Empirical Analysis, EcoSummit, 2016

16. A. Bărbulescu, F. Stoica, L. F. Stoica, Sensemaking with Interactive Data Visualization, in Proceedings of the 28th IBIMA Conference, Sevilla, Spain, 9-10.11.2016, Vision 2020: Innovation Management, Development Sustainability, and Competitive Economic Growth

17. A. Bobe, The First Romanian-Turkish Mathematics Colloquium, 14 octombrie 2015, Constanta, Romania.

18. A. Bobe, Tenth Workshop On Mathematical Modeling of Environmental and Life Science Problems, 16-19 octombrie 2014, Constanta, Romania.

19. A. Bobe, Workshop for Young Researchers in Mathematics, 22 - 23 mai 2014 (în colaborare cu SSMR-CT şi IMAR), Constanta, Romania

20. A. Bobe, The 10th International Workshop on Differential Geometry and its Applications, Constanţa, 26- 30 august 2011 (în colaborare cu IMAR)

21. Conferinta nationala SSMR 2011, Ploiesti, 19-21 Oct. Wladimir-Georges Boskoff: Teorema lui Morley

22. Conferinta nationala SSMR 2012, Botosani, 30 Nov-2 Dec. Wladimir-Georges Boskoff: Despre Gromov hiperbolicitate

23. Joint International Meeting of the American Mathematical Society and the Romanian Mathematical Society, June 27 - 30, 2013, Alba Iulia,

Romania,University of Alba Iulia; Wladimir-Georges Boskoff: Geometries Induced by Logarithmic Oscillations as Examples of Gromov Hyperbolic Spaces

24. The VIII-th International Conference "Differential Geometry and Dynamical Systems" (DGDS-2014) 1 - 4 September 2014, organized by UPB in Mangalia, Romania; Wladimir-Georges Boskoff: Gromov hyperbolicity

25. Conferinta nationala SSMR 2014, 24-26 Oct, Iasi, Wladimir-Georges Boskoff: Asupra unor aspect matematice ale teoriei relativitatii restranse

26. Conferinta nationala SSMR 2015, 30 Oct-1 Nov, Calarasi, Wladimir-Georges Boskoff: Ce sunt spatiile Barbilian

27. Conferinta nationala SSMR 2016, 19-22 May, Baia Mare; Wladimir-Georges Boskoff: S=V*T

28. The X-th International Conference "Differential Geometry and Dynamical Systems"(DGDS-2014) 28 August-3 September 2014, organized by UPB in Mangalia, Romania; Wladimir-Georges Boskoff: About a possible bi-metric Universe

29. 16th International Balkan Workshop on Applied Physics 2016 (7-9, July, 2016); Wladimir-Georges Boskoff: A Rosen Type Bimetric Universe and its Physical Properties

30. The First Romanian Turkish Mathematical Colloquium, 15-18 oct 2015, Constanta; Wladimir-Georges Boskoff: Revisiting the foundation of the Barbilian metrization procedure

31. Ozten Chelai Conceptual Architectures For Context-Aware Systems – International Conference on Creative Collaboration through Supportive Technologies, ISBN 978-606-25-0190-7, July 24, 2015, Constanta, Romania

32. Ozten Chelai Sisteme de calcul sensitive la context – International Conference on Creative Collaboration through Supportive Technologies, ISBN 978-606-25-0190-7, July 24, 2015, Constanta, Romania

33. Ozten Chelai, A Hierarchical Architecture for Control Systems - International Journal of Mathematics and Computation - ISSN 0974-5718 (print); ISSN 0974-570X(Online), 2011, Volume 10, Number M11 (Special Volume),pag. 107-116

34. C. Costara, Conference of the Dep. of Mathematics, Craiova University, Aprilie 2016 Titlul prezentarii: *Automatic continuity problems in spectral theory*, http://math.ucv.ro/dep_mate/trunk/wp-content/themes/Unu/doc/manifestari_stiintifice/costara_enache_8apr2016.pdf

35. C. Costara, International Conference on Complex Analysis and Related Topics, The 14th Romanian-Finnish Seminar, IMAR Iunie, 2016 *Titlul prezentarii: Complex analysis and spectral preserver problems http://imar.ro/organization/activities/standalone/RoFinSem2016/Program-RoFinSeminar2016.pdf*

36. C. Costara, 20th Conference of the International Linear Algebra Society (ILAS), Leuven, Iulie 2016 Titlul prezentarii: *Holomorphic maps preserving spectral quantities* https://ilas2016.cs.kuleuven.be/program

37. C. Costara, The Eighth Congress of Romanian Mathematicians, Iunie 2015, Iasi. Titlul prezentarii: Complex analysis and spectral isometries http://www.math.uaic.ro/cmr2015/index.php?talks\&faotoamp\#faotoamp

38. C. Costara, Workshop for Young Researchers in Mathematics (fifth edition), Ovidius University of Constanta, Mai 2015, Titlul prezentarii: Reproducing kernels in Dirichlet spaces http://math.univ-ovidius.ro/Workshop/2015/RTMC/Doc/RTMC-Program.pdf

39. C. Costara, Young Functional Analysts' Meeting 2014, Debrecen, Aprilie 2014, Titlul prezentarii: Spectral isometries on particular cases of Banach algebras
http://www.math.klte.hu/analizis/sites/hun/lendulet/YFAM2014/program.html

40. C. Costara, Seminarul de teoria operatorilor, IMAR, Bucuresti, Octombrie 2013, Titlul prezentarii: Probleme de conservare de tip spectral http://www.imar.ro/organization/activities/seminars/pags/448/ap.php

41. C. Costara, Joint International Meeting of the AMS and the Romanian Mathematical Society, Univ. 1 Decembrie 1918 Alba Iulia, 27-30 iunie 2013. Titlul prezentarii: De Branges-Rovnyak spaces and Dirichlet spaces http://imar.ro/ams-ro2013/meeting_program.pdf

42. V. Ene, A 23-a Scoala Nationala de Algebra, 31 Aug.-4 Sept. 2015, Quadratic Groebner bases and Koszul filtrations (2 lectii) http://math.univ-ovidius.ro/sna/23/PDF/23_Program.pdf

43. V. Ene, A 22-a Scoala Nationala de Algebra, 1-5 Sept. 2014, (3 lectii) *Hibi rings and their Grobner bases, Level and pseudo-Gorenstein Hibi rings, The regularity of Hibi rings,* http://math.univ-ovidius.ro/sna/22/PDF/22_Program.pdf

44. V. Ene, A 21-a Scoala Nationala de Algebra, 2-6 Sept. 2013, *Binomial edge ideals*, (2 lectii) http://math.univ-ovidius.ro/sna/21/PDF/21_Program.pdf

45. V. Ene, A 19-a Scoala Nationala de Algebra, 19-23 Sept. 2011, Bucuresti: *Determinantal facet ideals,* http://math.univ-ovidius.ro/sna/19/PDF/19_Program.pdf

46. V. Ene*, Binomial ideals and graphs*, talk at the Joint International Meeting of the American Mathematical Society and the Romanian Mathematical Society, Alba Iulia, 27-30 June 2013. http://imar.ro/ams-ro2013/talks.html

47. V. Ene, *Binomial edge ideals*, talk at the Anniversary Conference Faculty of Sciences - 150 years, University of Bucharest, 28 Aug-1 Sep 2013. http://fmi.unibuc.ro/FMI-150/files/program-algebra.pdf

48. V. Ene, *Ideals of 2-minors,* talk at The Eighth Congress of Romanian Mathematicians, June 26- July 2, 2015, Iasi http://www.math.uaic.ro/cmr2015/programme/Algebra%20and%20Number%20Theory.pdf

49. C. Flaut, Comunication-poster presented at International Conference on Algebra, Balikesir, Turkey, August 11-15 2013, on the occasion of the 70th birthday of Patrick Smith and John Clark: *About some properties of algebras obtained by the Cayley-Dickson process* http://pjm.ppu.edu/?page=volumes&vol=3_3 http://pjm.ppu.edu/vol_3_3/7.pdf

50. C. Flaut, Comunicarea *Un model de optimizare a liniilor de transport urban. Arondarea liniilor de transport pe autobaze* (cu F, Ghionea), sustinuta la AGIR(The General Association of Engineers in Romania)-Simpozionului stiintific PROGRESUL TEHNOLOGIC - REZULTAT AL CERCETARII, 29 April 2011, Bucuresti. http://www.agir.ro/stiri.php?id_stire=268 http://www.agir.ro/simpozion-progresul-tehnologic.php

51. Denis Ibadula, Special numbers in Number Theory, talk the Celebrating conference at the Seminar Mathematics , Kastamonu Universitesi, November, 26, 2015, Kastamonu, Turkey;

52. Denis Ibadula, The Igusa Local Zeta Function, talk the Scientific Seminar of Topology , Université de Nice- Sophia Antipolis, March 2015, Nice, France;

53. Denis Ibadula, On the Igusa Zeta Function of some hybrid polynomials, talk at The third international workshop on zeta functions in algebra and geometry, The Center for Research in Mathematics A.C., CIMAT, Guanajuato, Mexico, September, 2014;
http://www.math.cinvestav.mx/Workshop14/home

54. Denis Ibadula, Actual problems in the study of the Igusa zeta function and of the echelon designs, talk at the Simpozium "Mathematical models in economy", January 2013, Institute of Mathematics "Simion Stoilow" of the Romanian Academy, Bucharest, Romania;
http://www.imar.ro/organization/activities/archive/conferences_arh_conf_20 13_s.php

55. Denis Ibadula, New poles of the Igusa local zeta function in positive characteristic, talk at the Arrangements in Pyrénées, Université de Pau, France, 14 June 2012;
http://lma.univ-pau.fr/equipes/algebre-geometrie/arrangements/

56. Denis Ibadula, Special weighted polynomials in positive characteristic, the Igusa local zeta function and beyond, talk at the workshop Hyperplane Arrangements and Related Topics, Franta, Université de Nice- Sophia Antipolis, 6 march 2012;
http://math.unice.fr/~dimca/talks6March.pdf

57. Denis Ibadula, Computing Candidate poles and poles for the Igusa local zeta function for curves, talk at the Seminario de Centro de Investigación y de Estudios Avanzados del I.P.N., Queretaro, Mexico, 11 April 2011;

58. Denis Ibadula, Computing the Igusa local zeta function for several classes of polynomials, talk at the Seminario de Centro de Investigación y de Estudios Avanzados del I.P.N., Queretaro, Mexico, 4 April 2011;

59. FG Iorgulescu, Concurs interjudetean " Pitagora " Rm.-Valcea , 2011 , participare la Sesiunea Stiintifica cu lucrarea : "Grupuri finite de unitati in inele "

60. F. G. Iorgulescu, Participare la workshopul " De la matematica elementara la matematica superioara " cu expunerea "Olimpiada Internationala de matematica 2011. Comentarii matematice"

61. L. (Lita) Grecu, E Pelican, "Solving the Pattern Recognition Problems with Some Low-Rank Approximation Based Algorithms", XIème Colloque Franco-Roumain de Mathématiques Appliquées, 24-30 Août, 2012, Bucarest, Romania. http://fmi.unibuc.ro/CFR2012/files/CFR2012_Resume.pdf

62. 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

63. Juncu Ghe., Nicola A., Popa C., Splitting methods for the numerical solution of multi-component mass transfer problems, lucrare prezentata la 11th Workshop on Mathematical Modelling of Environmental and Life Sciences Problems, Constanta, 12 – 16 octombrie 2016.

64. E. Pelican, Algoritm low -rank bazat pe tensori pentru recunoastere faciala, prezentare la Prima Conferinta a Matematicienilor Mircisti, Constanta, 27 - 29 Mai 2016

http://math.univ-ovidius.ro/Workshop/2016/CMM/Doc/Program.pdf

65. E. Petac - New Challenges of Supportive Technologies for Education, International Conference on Creative Collaboration through Supportive Technologies (ICCCST 2015), July 24, 2015, Constanta, Romania (https://www.facebook.com/UnivOvidiusConstanta/posts/956187321109382)

66. C. Popa, CAIM 2011, membru in Comitetul Stiintific http://www.romai.ro/documente_poze/Conferinte/Caim11/Abstracte_lista_participanti.pdf

67. C. Popa, 84th GAMM Annual Meeteing, Novi Sad 2012 http://onlinelibrary.wiley.com/doi/10.1002/pamm.201310001/abstract

68. C. Popa, CAIM 2012, membru in Comitetul Stiintific http://www.romai.ro/documente_poze/Conferinte/Caim12/CAIM_2012_2.pdf

69. C. Popa, "Caius Iacob" 33rd Conference on fluid mechanics and its technical applications, 2011, INCAS Bucuresti http://www.incas.ro/images/stories/Caius_Iacob_2011/Conference_Program_Caius_Iacob_2011.pdf

70. C. Popa, "Caius Iacob" 36rd Conference on fluid mechanics and its technical applications, 2015, INCAS Bucuresti, http://www.incas.ro/images/stories/Caius_Iacob_2015/List_of_authors_Caius__IACOB_2015_alphabetically_first%20author_accepted.pdf

71. C. Popa, CAIM 2013, membru in Comitetul Stiintific + lucrare prezentata http://www.romai.ro/conferintele_romai/caim2013.html

72. C. Popa, CAIM 2014, membru in Comitetul Stiintific http://www.romai.ro/conferintele_romai/caim2014.html

73. C. Popa, CAIM 2014, membru in Comitetul Stiintific http://www.romai.ro/conferintele_romai/caim2015/scientific_commitee.html

74. C. Popa, 10th Workshop MMELSP, Constanta 2014 organizator + lucrare prezentata http://www.ima.ro/mmelsp.htm

75. C. Popa, Workshop on Sparse Tomographic Reconstruction: Theoretical and Numerical Aspects, Heidelberg, March 19-20 2015 – invited speaker http://ipa.iwr.uni-heidelberg.de/tomows2015/

76. C. Popa, Numerical Algebra, Matrix Theory, Differential-Algebraic Equations, and Control Theory, Berlin, 6-9 May 2015 – participant cu lucrare http://www3.math.tu-berlin.de/multiphysics/VM60/preschedule.html

77. C. Popa, The Eighth Congress of Romanian Mathematicians, June 26 - July 1, 2015, Iasi, Romania – participant cu lucrare http://www.math.uaic.ro/cmr2015/index.php?talks&mnamms#mnamms

78. I. Pomparau, D. Carp, C. Popa - *Weaker assumptions for convergence of extended block Kaczmarz and Jacobi projection algorithms*, lucrare prezentata la *First Romanian – Turkish Colloquium on Mathematics*, Constanta, 14 – 18 octombrie 2015. http://math.univ-ovidius.ro/Workshop/2015/RTMC/Doc/RTMC-Abstracts.pdf?v=3

79. Juncu Ghe., Nicola A., Popa C., Splitting methods for the numerical solution of multi-component mass transfer problems, lucrare prezentata la *11th Workshop on Mathematical Modelling of Environmental and Life Sciences Problems*, Constanta, 12 – 16 octombrie 2016.

80. I. Pomparau I., Popa C., Convergence analysis of Kaczmarz algorithm with projection adjustment, lucrare prezentata la *11th Workshop on Mathematical Modelling of Environmental and Life Sciences Problems*, Constanta, 12 – 16 octombrie 2016.

81. D. Carp, C. Popa, C. Serban, The extension of the Null-Space algorithm to consistent systems of linear equations, lucrare prezentata la CAIM 2016 Conference, 15-19 septembrie 2016, Craiova, Romania

82. C. Popa, Numarul minim de cercuri de raza data ce acopera o multime marginita din plan, lucrare prezentata la a XX-a Conferinta Anuala a SSMR, Centrul Universitar Nord din Baia Mare, 19 - 22 mai 2016

83. Dumitru Popa, Coordinatewise multiple summing operators, Littlewood's (3/4)-inequality and Bohnenblust and Hille (2n/(n+1))-inequality, The First Romanian-Turkish Mathematics Colloquium, Universitatea Ovidius Constanta, Constanta, 14-18 october, 2015.

84. Florin Alexandru Dinca, Mihai Polceanu, Victor Rizea, Adrian Seitan, Costin Petre, Crenguta Bogdan, Mircea-Dorin Popovici, "Using haptic feedback in dental simulations", The IX-th International Congress of Oral Health and Dental Management in the Black Sea Countries, 25-27 Mai 2011, Constanta, Romania, pag. 27-28

85. Florin Alexandru Dinca, Mihai Polceanu, Victor Rizea, Adrian Seitan, Costin Petre, Crenguta Bogdan, Mircea-Dorin Popovici, "Some theoretical models used in haptic rendering", The IX-th International Congress of Oral Health and Dental Management in the Black Sea Countries, 25-27 Mai 2011, Constanta, Romania, pag. 28

86. D. Savin, International Colloquium of Algebra, Number Theory, Cryptography and Information Security (ANCI'2016), 11-12 November 2016, Taza, Morocco, cu prezentarea "Quaternion algebras and symbol algebras over algebraic number field K, with the degree [K:Q] even" (http://anci16.byethost8.com/anci-16/).

87. D. Savin, **International Conference on Mathematics and Computer Science** (**2nd Edition -**MACOS 2016), **September 8-10 2016,** Transilvania University, **Braşov, Romania, cu** prezentarea "About split quaternion algebras over quadratic fields and symbol algebras of degree n" (http://www.unitbv.ro/fmi/CercetareStiintifica/Manifestari/Macos_2016/Program_Macos 2016.aspx).

88. D. Savin, 29 th Journées Arithmétiques, 6-8 July 2015, Debrecen, Hungary, cu prezentarea "About division quaternion algebras and division symbol algebras" (http://ja2015.math.unideb.hu/abstracts);

89. D. Savin,, **International Conference on Mathematics and Computer Science** (MACOS 2014)**, June 26-28 2014, Braşov, Romania,** cu prezentarea "About quaternion algebras and symbol algebras" (http://www.unitbv.ro/fmi/CercetareStiintifica/Manifestari/MACOS/ConferenceProgram. aspx);

90. D. Savin, Barcelona Number Theory Seminar, Facultat de Matematiques, Universitat de Barcelona, January 23-27, 2012 , cu prezentarea "Symbol algebras and special prime numbers" (http://atlas.mat.ub.es/personals/crespo/STNB2012/stnb2012.pdf);

91. D. Savin, **A new approach in theoretical and applied methods in algebra and analysis,** Constanta, April 04 – 06, 2013, cu articolul "Some properties of the symbol algebras" la "Poster session" (http://amaa-2013.wikispaces.com/home/);

92. D. Savin,, **Workshop on Algebraic and Analytic Number Theory and Their Applications,** Constanta, May 23-24, 2013, cu articolul "Some properties of the symbol algebras of degree 3" la "Poster session" (http://math.univ-ovidius.ro/Workshop/2013/Number-Theory/program.htm).

93. C. Sburlan, Asupra unor probleme neliniare de bifurcatie, comunicare la "Prima Conferinta a Matematicienilor Mircisti", Constanta, 2016
http://math.univ-ovidius.ro/Workshop/2016/CMM/#/Program

94. D. Sburlan, Participare la ICT COST Action IC1405, Reversible computation - extending horizons of computing, Lisabona, Portugalia, 24-26 feb. 2016

95. Vernic, R. – "Risk capital decomposition based on the Conditional Tail Expectation for some multivariate models". 2nd Workshop on Actuarial Science and Risk Measures, University of Piraeus, Grecia, 14 mai 2011.

96. 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, Ovidius University of Constanţa, 16-18 octombrie 2014.
http://www.ima.ro/workshop/history/tenth_mmelsp/booklet_mmelsp_14.pdf

97. Vernic, R. – "On the relation between the order of claims arrival and the ruin probability in a nonhomogeneous risk process". 19th International Congress on Insurance: Mathematics and Economics, June 24- 26, 2015, University of Liverpool.
https://www.liverpool.ac.uk/ime2015/presentations/

98. Vernic, R. – "Evaluating the ruin probability in a nonhomogeneous risk process". First Romanian-Turkish Mathematics Colloquium, October 14-15, 2015, Constanta, Romania.
http://math.univ-ovidius.ro/Workshop/2015/RTMC/Doc/RTMC-Abstracts.pdf?v=3

99. Vernic, R. and Ungureanu, D. - "A fuzzy approach to the ruin problem". A 14-a Conferinţă SPSR, ASE Bucureşti, 29 aprilie 2011. http://www.csm.ro/spsr/manifestari.php?id=12

100. Vernic, R. – "Statistical inference for the bivariate Sarmanov distribution: a real data study". A 15-a Conferinţă SPSR, Universitatea din Bucureşti, 27 aprilie 2012.
http://www.csm.ro/spsr/manifestari.php?id=13

101. Vernic, R. – "On the bivariate Sarmanov distribution with log-logistic marginals: an actuarial application". A 16-a Conferinţă SPSR, ASE Bucureşti, 26 aprilie 2013.
http://www.csm.ro/spsr/manifestari.php?id=14

102. Vernic, R. – "Parameters estimation for the bivariate Sarmanov distribution with normal-type marginals". Conferinţa CAIM, Universitatea Bucureşti, septembrie 2013.
(http://www.romai.ro/conferintele_romai/caim2013.html)

103.   Vernic, R.– "Recursive calculation of ruin probabilities at or before claim instants for non-identically distributed claims". A 17-a Conferinţă SPSR, UTCB Bucureşti, 25 aprilie 2014. http://www.csm.ro/spsr/manifestari.php?id=15

104.   Vernic, R.– "On the ruin probability for nonhomogeneous Erlang claims and arbitrary inter-claim revenues. Computational aspects". A 18-a Conferinţă SPSR, Universitatea din Bucureşti, 8 mai 2015. http://www.csm.ro/spsr/manifestari.php?id=16

105.   Vernic, R.–"On a conjecture related to the ruin probability for nonhomogeneous Erlang claims and arbitrary inter-claim revenues". Conferinta Internationala de Actuariat si Asigurari, ASE, 22 iunie 2015. http://www.fabbv.ase.ro/evenimente-2014-2015

106.   Vernic, R. – "Conditional Tail Expectation for Sarmanov's distribution". A 19-a Conferinţă SPSR, UTCB Bucureşti, 27 mai 2016. http://www.csm.ro/spsr/manifestari.php?id=17

107.   Eugen Zaharescu, Georgeta-Atena Zaharescu, "Hypermedia Service Oriented Archives For E-learning", Proceedings of International Conference on Creative Collaboration through Supportive Technologies (ICCCST 2015)-ProWeb Workshop-July 24, 2015, Constanta, Romania, MATRIXROM, Bucharest, Romania 2015 (ISBN: 978-606-25-0190-7), Pages: 218-223 http://www.univ-ovidius.ro/icccst2015

108.   Eugen Zaharescu „Semantic Web Technologies Integrated in a SOA-Based E-Learning System", Proceedings of the 6th International Conference On Virtual Learning, October 28 - 29, 2011, Bucharest University Press (ISSN 1844 - 8933), pp. 400-406. http://c3.icvl.eu/2011/accepted-full-papers

109.   Eugen Zaharescu „Cloud Computing for E-Learning", Proceedings of the 6th International Conference On Virtual Learning, October 28 - 29, 2011, Bucharest University Press (ISSN 1844 - 8933), pp. 407-413. http://c3.icvl.eu/2011/accepted-full-papers

110.   C. Costara, Atelier de travail: Espaces de fonctions et théorie des opérateurs IMAR, Bucuresti, 18-19 decembrie 2017, Titlul prezentarii: Reproducing kernels for Dirichlet spaces associated to finitely supported measures

111.   C. Costara, Jagiellonian University, 5.06.2017, Titlul prezentarii: Linear and nonlinear spectral preserver problems

112.   V. Ene, *Ideals of 2–minors associated with pairs of graphs*, sustinuta la Conferinta internationala Commutative Algebra meeting Algebraic Geometry, Bucuresti, 24-27 Iunie 2017 http://www.unibuc.ro/~conference/dorin-popescu-70/#6

113.   C. Flaut, Comunicarea *New bounds for the levels and sublevels of algebras obtained by the Cayley-Dickson process,* sustinuta la conferinta **International Eurasian Conference on Mathematical Sciences and Applications** (**IECMSA-2017**), Budapesta, Ungaria, 15-18 August 2017

114.   C. Flaut, Comunicarea *Some remarks about the levels and sublevels of algebras obtained by the Cayley-Dickson process* sustinuta la conferinta *Recent Trends in Pure and Applied Mathematics*(**TREPAM-2017**), Alba-Iulia, Romania, 31 Iulie 2017-5 August 2017

115.   Denis Ibadula, ***Techniques for computing the Igusa local zeta function of some plain curves***, talk at Galatasaray University Department Seminars, March, 15th, 2017;

http://www.turkmath.org/beta/seminer.php?id_seminer=1434

116.   Denis Ibadula, ***The real poles of the Igusa local zeta function for curves***, talk Singularities in the Midwest, III, University Madison-Wisconsin, USA, March, 23th, 2016;

http://www.math.wisc.edu/~maxim/Sing16program.html

117.   Popa C. **-** Convergence rates for Kaczmarz-type algorithms, The Second Romanian – Turkish Mathematics Colloquium, Istanbul, Turcia, 25-29.10 2017

118.   Popa C. **-** Kaczmarz-type algorithms with cyclic selection, Sesiunea Stiintifica de Toamna a AOSR, Timisoara, Romania, 12-14.10.2017

119.   Bolance C. and **Vernic** R. – Multivariate count data generalized linear models: Two approaches based on Sarmanov's distribution. 21 International Congress on Insurance: Mathematics and Economics, 3-5 iulie, Viena 2017.

120.   Robe-Voinea, E. and **Vernic**, R. – On the optimization of an algorithm designed for the evaluation of a multivariate compound distribution. A 20-a Conferinţă SPSR, Academia Forţelor Aeriene „Henri Coandă" Braşov, 28-29 aprilie 2017.

121.   A. Barbulescu, 1ST ASET Conference, Dubai, UAE, 6-7.02.108 – Modeling the relationship between the energy, carbon and waste efficiency of the most sustainable corporations in the world

122.   A. Barbulescu, IC-ANMBES 2018, Brasov, 23-25.05.2018, New materials used for palladium recovery from acidic waste solutions by adsorption

123.   A. Barbulescu, WaterEnergyNEXUS, Salerno, Italy, 14-17.11.2018 - Analysis of water quality of major rivers of India

124.   A. Barbulescu, WaterEnergyNEXUS, Salerno, Italy, 14-17.11.2018 - Statistical analysiss of the quality indicators of the Danube River water in Romania

125.   C. Costara, Complex Analysis and Spectral Theory, A conference in celebration of Thomas Ransford's 60th birthday, May 21 to 25, 2018 at Université Laval, Québec City, Québec, Canada

126.   D. Savin, Special numbers, special quaternions and special symbol elements, sustinuta la International Conference on Mathematics and Computer Science, June 14-16 2018, Braşov, Romania.

127. V. Ene, Binomial edge ideals and their symbolic powers, comunicare sustinuta la conferinta Topology and Geometry, A conference in memory of Stefan Papadima (1953-2018), 28-31 mai 2018, http://math.univ-ovidius.ro/workshop/2018/TGSP/Doc/Program.pdf?v=180511

128. C. Flaut, International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2018), Kiev, Ucraina, 28-31 August 2018, cu comunicarea Fibonacci elements and some of their Applications, http://www.iecmsa.org/dosyalar/program_2018/Participants_IECMSA_2018.pdf http://2018.iecmsa.org/

129. C. Flaut, 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

130. C. Mancas, *MatBase* Constraint Sets Coherence and Minimality Enforcement Algorithms, In: Benczúr A., Thalheim B., Horváth T. (eds) Advances in Databases and Information Systems. ADBIS 2018. Lecture Notes in Computer Science, vol 11019. Springer, Cham, DOI: https://doi.org/10.1007/978-3-319-98398-1_18 (https://link.springer.com/chapter/10.1007/978-3-319-98398-1_18)

131. A. Dumitrasc, Ph. Leleux, C. Popa, D. Ruiz and S. Torun - The augmented Block Cimmino algorithm, International Simposium on Computational Science at Scale (CoSaS) 2018, Universitatea Erlangen-Nurnberg, Germania; 5-7.09.2018

132. D. Carp, C. Popa, T. Preclik, Ulrich Ruede - Iterative solution of weighted linear least squares problems, 12th Workshop on Mathematical Modelling of Environmental and Life Sciences Problems, Constanta, Romania; 24-28.10.2018

133. CUJBA, Rodica; RUSU Andrei. On interoperability of research information based on CERIF in the Republic of Moldova. In: Proceedings of the Conference on Mathematical Foundations of Informatics MFOI2018, July 2-6, 2018, Chisinau, Republic of Moldova. ISBN 978-9975-4237-7-9.

134. COJOCARU, Igor, ROȘCA, Alfreda, RUSU, Andrei, GUZUN, Mihail. Public Research and Innovation Infrastructure of the Republic of Moldova: Challenges and Oportunities. In: Lucrările Conferinței "CEE eDem and eGov Days 2018", 3-4 mai 2018. Budapesta, 2018, pp. 421-430, doi: 10.24989/ocg.v331.35. ISBN 978-3-903035-14-0.

135. ȚURCAN, Nelly, RUSU, Andrei, GRECU, Mihai. Studiul ecosistemului de date științifice din Republica Moldova în contextul științei Deschise. In: Conferința științifică internațională „Școala internațională de metodologie în științele socio-umane", ediția a 3-a. Universitatea de Stat din Moldova, 15-16 noiembrie 2018, Chișinău, pp. 130-132

136.   BONDARENCO, Vladimir, RUSU, Andrei, RUSU, Elena. Genetic algorithm for optimization of software process. In: The 26th Conference on Applied and Industrial Mathematics, Chișinău, 20-23 septembrie 2018.

137.   RUSU, Andrei, RUSU, Elena. On weak expressibility of formulas in the simplest non-trivial propositional provability logic. In: The 26th Conference on Applied and Industrial Mathematics, Chișinău, 20-23 septembrie 2018.

138.   D.Carp, G.Colisov, G.Coman and C.Serban, Evolutionary - type algorithms for transportation and storage problems, 12th International Workshop on Mathematical Modelling of Environmental and Life Sciences Problems, Constanta, October 24-28, 2018

139.   Vernic, R. – On the multivariate Sarmanov distribution and its actuarial applications. MATTEX 2018, Universitatea Konstantin Preslavsky din Shumen, Bulgaria, 25-27 octombrie 2018. (plenary talk)

140.   Vernic, R. – On the exact and approximate evaluation of some multivariate compound distributions with Sarmanov's counting distribution. MATTEX 2018, Universitatea Konstantin Preslavsky din Shumen, Bulgaria, 25-27 octombrie 2018.

141.   W. Boskoff, Conferinta Nationala a SSMR, Corabia 25-27 Mai 2018, Conferinta Plenara: Suprafete Titeica

142.   W. Boskoff, Conferinta Nationala de Didactica Matematica, UBB Cluj, Cavnic 18-20 Mai 2018, Conferinta Plenara: Geometrii Neeuclidiene si aspecte fizice

143.   D. Carp, C. Popa, T. Preclik, Ulrich Ruede - Iterative solution of weighted linear least squares problems, Seminarul Itinerant Romanesc de Analiza Matematica si Aplicatii, editia I, Universitatea Babes-Bolyai, Cluj-Napoca, Romania; 20-21.04.2108

144.   RUSU, Andrei. Cercetătorul și biblioteca: rolul lor în managemenul datelor din sfera CDI: Masă rotundă "Datele științifice în Republica Moldova: Experiențe și bune practici europene și internaționale privind arhitectura și modelele de date în e-infrastructura de date științifice", Chișinău, 21 iunie 2018.

145.   ȚURCAN, Nelly, RUSU Andrei, GRECU, Mihai. Rolul datelor de cercetare în comunicarea științifică. In: Conferinţa ştiinţifică naţională cu participare internaţională „Integrare prin cercetare şi inovare", Universitatea de Stat din Moldova, Chișinău, 8-9 noiembrie 2018.

146.   Vernic, R. – On the evaluation of some multivariate compound distributions with Sarmanov counting distribution. A 21-a Conferinţă SPSR, ASE Bucureşti, 13-14 aprilie 2018.

147.   C. Costara, Preserver Weekend in Szeged, Bolyai Institute University of Szeged, Szeged, Hungary 12-14 April 2019

148.   Boskoff W-G, Geometric Foundations of Gravity 2019, June 17-21, University of Tartu, Laboratory of Theoretical Physics

Conference: The affine characteristic of de Sitter spacetime and consequences

http://hexagon.fi.tartu.ee/~geomgrav2019/schedule.php#Slot2-17:00-A102

149.   D.-M. Popovici, CHALLENGES OF MIXED REALITY TECHNOLOGIES IN TECHNICAL EDUCATION, International Conference on Electronics, Communications and Computing, ECCO 2019, 24-25 OCTOBER, 2019, CHISINAU

150.   D.-M. Popovici, Use-Cases Of Mixed Reality Technology In Our Every Day Life, International Conference on Electronics, Communications and Computing, ECCO 2019, 24-25 OCTOBER, 2019, CHISINAU

151.   Vernic, R. - Sarmanov distribution for modeling dependence between the frequency and the severity of insurance claims. 23 International Congress on Insurance: Mathematics and Economics, 10-12 iulie, Munich 2019.

152.   C. Costara, Second Romanian Itinerant Seminar on Mathematical Analysis and its Applications Constanța, 10 - 12 mai 2019 http://math.univ-ovidius.ro/workshop/2019/RISMAA/

153.   Boskoff W-G , A XXIII Conferinta anuala a SSMR, Pitesti, 11-13 Octombrie 2019 Conferinta: Geometrie Neeuclidiana, interpretari fizice si aplicatii in fizica https://ssmr.ro/files/program-conf-anuala-pitesti-2019.pdf

154.   D. Ibadula, „*Asupra unor formule explicite de calcul a funcției zeta Igusa locale*" , Seminarul stiintific de topologie al Institutului de matematica „Simion Stoilow" al Academiei Romane, 15 noiembrie 2019, Speaker: Denis Ibadula (Univ. Constanța), Sala 306-307 "Constantin Banica";

http://www.imar.ro/organization/activities/archive/seminars_arh_sem_11_2019_s.php

155.   C. Popa, Gh. Juncu, A. Nicola, E. Stroila, Efficient numerical solution for multicomponent mass transfer equations, prezentata la Conferinta Stiintifica de primavara a AOSR, Bucuresti, 4 - 6 aprilie 2019;

156.   Crenguta M. Puchianu, "Development of In-Vehicle Android Applications", 1st Doctoral Workshop on Advancements of Mixed Reality Technologies (ADMIRE), 24-30 iunie 2019, Constanta, Romania

157.   Vernic, R. – On a collective model with dependent frequency and claim amounts. A 22-a Conferință SPSR, IMAR București, 10-11 mai 2019

4. Brevete

1. Patent No: RO129965-A2; Title: METHODS FOR REAL-TIME VIEWING THE SURFACE FORCES UPON INTERACTION WITH HAPTIC DEVICES AND FOR GENERATING RANDOM STRUCTURES IN 3D DEFORMABLE OBJECTS, Inventors: HAMZA-LUP G.F., **POPOVICI D.M.**, BOGDAN C.M., POLCEANU M., NICOLA A., BAUTU E., COSTEA D.O., VASILATEANU A..

2. Patent No: RO127926-A0; Title: VIRTUAL ENVIRONMENT FOR SIMULATING THE MANUAL ACTIVITIES OF PREPARING THE TEETH IN FIXED PROSTHESING, Inventors: AMARIEI C., STEFANESCU C., DUTA M., **POPOVICI D.M.**, BOGDAN C.M., POLCEANU M., DINCA F.A., RIZEA V..

3. Patent Request No: a 2015 00706; Title: STATISTIC SOFTWARE DEDICATED TO RESEARCH IN EDUCATIONAL ENVIRONMENT, Inventors: CAPRIOARA D.D., PUCHIANU C.M., **POPOVICI D.M.**, IONESCU A.F., BAUTU E., SBURLAN D.F., CORLEANCA C., CHENG X..

5. Contracte si conventii de cercetare stiintifică pentru rezolvarea unor probleme de interes stiintific si/sau economic, atat cu parteneri din tară cat si din strainatate

1. G. Badea, Membru in echipa de cercetare (Cercetator Postdoctoral) a Proiectului de cercetare pentru stimularea constituirii de tinere echipe de cercetare independenta, intitulat "Teorie spectrală pentru operatori liniari şi analiză complexă" (cod PN-II-RU-TE-2012-3-0042, Nr. 10/25.04.2013), Director de proiect: conf. dr. Constantin Costara, Universitatea Ovidius din Constanţa. -Contract pe perioada 1.01.2014-30.11.2015.

2. O. Chelai, Membru in echipa contractului de cercetare nr QRC 412/ 17.06.2015 incheiat intre SC Teamnet International SA si S.C. GREENSOFT S.R.L. pentru activitatea de cercetare industriala in vederea realizariii unui prototip de sistem autonom naval, 2015-2016

3. Teorie spectrala pentru operatori liniari si analiza complexa, cod CNCS-UEFISCDI PN-II-RU-TE-2012-3-0042, Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente, Director proiect: Constantin Costara, Durata proiect: Mai 2013 - Sept. 2016, Valoare: 506000 Ron, Website: http://math.univ-ovidius.ro/ cdcostara/

4. Probleme de conservare de tip spectral in teoria algebrelor Banach, cod CNCSIS PN-II-RU PD, Proiecte de cercetare postdoctorala, Director

proiect: Constantin Costara, Valoare: 287004 Ron, Durata proiect: August 2010 - August 2012, Website: http://math.univ-ovidius.ro/ cdcostara/2010/

5. V. Ene, D. Ibadula, Grant of the European Mathematical Society and the Foundation Compositio Mathematica for organizing the 24th National School of Algebra, 2016.

6. V. Ene, Membru in echipa de cercetare a grantului PN-II-ID-PCE-2011-3-1023, contract nr.247/24.10.2011, Durata contractului: 01.01.2012-31.12.2016, Finatat de UEFISCDI, Director de proiect: C.S.I. Dr. Dorin-Mihail POPESCU, Institutul de Matematica al Academiei Romane. https://dl.dropboxusercontent.com/u/112281424/grantPCE-2011-3-1023/indexDP.html

7. V. Ene, JSPS Invitation Fellowship for Research in Japan (Short-term), February-March 2012, at Osaka University, Japan, ID NO. S 11129

8. C. Flaut, UNESCO-UNITWIN OCW/OER Initiative, Handong Global University, South Korea, 2011-2014 http://www.uuooi.org/english/index.php?c=21&sid=4ea2c599d80acf65520ef98e32e76ca1 http://www.uuooi.org/english/viewtopic.php?t=425

9. PN-II-ID-WE-2012-4-169, Director: Cristina FLAUT, "Ovidius" University, Constanta: *A new approach in theoretical and applied methods in algebra and analysis* http://math.univ-ovidius.ro/default.aspx?cat=Evenimente http://amaa-2013.wikispaces.com/home

10. C. Flaut, Membru-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/)

11. C. Flaut, Director Grant ANCSI-LIT-TH-ST-2016-0020 (26.100 lei) - 2016.

12. D. M. Popovici, HapticMed – Interfete haptice in aplicatii medicale POSCCE O.2.1.2, contract no. 128 / 2.06.2010, cod SMIS 12277, nr. online 567, 2010-2013 (director executiv/expert IT/RV) (3 ani)

13. D.M. Popovici, PNCDI 2 – 12-083/2008 „Tehnici de realitate virtuala si augmentata in simularea prepararii dintilor pentru protezare fixa: VIRDENT", 2008-2012 (responsabil tehnic/expert IT/RV) (3 ani)

14. D. Savin, Director al grantului: **Workshop on Algebraic and Analytic Number Theory and Their Applications,** Constanta, May 23-24, 2013(http://math.univ-ovidius.ro/Workshop/2013/Number-Theory/) (acest workshop a fost finantat de UEFISCDI, prin proiectul PN-II-ID-WE-2012-4-161, valoare: 20120 RON). (http://uefiscdi.gov.ro/userfiles/file/PN%20II_WE%20si%20SSA%202012/WE/REZULTATE%20FINALE/lista%20FINALA%20workshop-uri%20_6%20etapa%20-pana%20pe30%20august%202012.pdf).

15. D. Savin, D. Sburlan, Membri in grantul ANCSI-LIT-TH-ST-2016-0020, director de proiect:conf. dr. Cristina Flaut, Universitatea Ovidius

16. D. Savin, Membru in grantul PN-II-ID-WE-2012-4-169, ca membru in comitetul de organizare al conferintei **A new approach in theoretical and applied methods in algebra and analysis,**Constanta, April 04 – 06, 2013, finantata de UEFISCDI, prin proiectul PN-II-ID-WE-2012-4-169, director de proiect:conf. dr. Cristina Flaut, Universitatea Ovidius.

17. G. Badea, Cercetator- in echipa proiectului Cross-Border Maritime Spatial plan for the Black Sea – Romania, Bulgaria (MARSPLAN-BS), Cod EASME/EMFF/2014/1.2.1.5/Lot 1/P01, Durata 02.2016-28.01.2018

18. C. Flaut, Grant pt revista Anale Stiintifice ale UOC, seria Matematica, acordata de MCI (25.872 lei)- 2017

19. D. Ibadula,Teaching Erasmus Mobilty Grant (march 2017), European Comision, "Ovidius" University Constanta in partnership with Galatasaray University, Istanbul, Turkey;

20. D. Ibadula, Free hypersurfaces and Terao's conjecture, Oberwolfach Research in pairs Grant, 07-20 August 2016, Oberwolfach Research Institute for Mathematics, Germany (co-director of the grant with Alexandru Dimca and Daniela Anca Macinic);

21. G. Badea, Cross-Border Maritime Spatial plan for Black Sea-Romania, Bulgaria (MARSPLAN-BS), EASME/EMFF/2014/1.2.1.5/Lot 1/P01, Cercetator, febr 2016-febr 2018

22. A. Bobe, Membru in echipa de cercetare a Proiectului intitulat "Fusuri de somn - monitorizarea nivelului de oboseală mentală a personalului care activează infrastructura critică" (cod PN-III-P2-2.1-PED-2016-0505, Nr. 10685/07.09.2017), Director de proiect: conf. dr. Iliescu Dan Marcel, Universitatea Ovidius din Constanţa. - Contract pe perioada 08.09.2017-31.12.2018.

23. A. Bobe, Manager Proiect, ProInfo – pregătirea resursei umane în Informatică, Cod proiect: 122837, Cod apel: POCU/320/6/21/Operațiune compozită OS. 6.7, 6.9. 6.10

24. W. Boskoff, Actiunea CANTATA-Astrophysics- Research in Modified Gravitational Theories, Brasov 2018, Ianuarie-Februarie 2018, Facultatea de Matematica si Informatica a UTB.

25. D. Savin, Membru in comitetul de redactiei al revistei Analele Stiintifice ale Universitatii Ovidius, seria matematica, revista premiata in 2018 de catre Ministerul Cercetarii si Inovarii (a se vedea propunerea comisiei pentru subventionarea literaturii tehnico-stiintifice, rezultatele procesului de evaluare 2018).

26. D. Ibadula, Workshop for Young Researchers in Mathematics, 8th edition, Constanta, Romania, May, 17th-20th, 2018; Organizer of the Algebra, Number Theory, Algebraic Geometry, Geometry and Topology Section; Organized by the The Research Institute of the University of Bucharest, Faculty of Mathematics and Computer Science from

Bucharest University, Faculty of Mathematics and Computer Science from Ovidius University, Constanta, Institute of Mathematics Simion Stoilow of the Romanian Academy (IMAR) and the Department of Mathematics of University of Wisconsin – Madison;

27. D. Ibadula, Topology and Geometry: A conference in memory of Stefan Papadima (1953-2018) București, 28 - 31 Mai 2018- co-organizator; Organizat de UOC in colaborare cu IMAR, ICUB si UB; http://math.univ-ovidius.ro/workshop/2018/TGSP/

28. D. Ibadula, Măsuri active pentru internaționalizare în cadrul Universității Ovidius din Constanța - educație și cercetare fără frontiere, referent relatii externe UOC. Proiect finanțat de către MEN prin Fondul de Dezvoltare Instituțională, cod CNFIS-FDI-2018-0453/2018;

29. D. Ibadula, Days of Academic cooperation in Balkans – 15-17 noiembrie 2018 – co-organizator: organizatori: Universitatea Ovidius Constanta, Universitatea Trakya, Edirne, Turcia, Consulatul General al Republicii Turcia la Constanta.;

30. "Platforma hibrida de comunicatii prinlumina vizibila si realitate augmentata pentru dezvoltarea de sisteme inteligente de asistenta si siguranta activa a autovehiculelor" - contract finantare nr: 21PCCDI/2018, cod proiect: PN-III-P1-1.2-PCCDI-2017-0917, valoare 4325472,00 RON din care 612006,00 RON pentru UOC, POPOVICI D.M. – director proiect component P2., SBURLAN D.F., PUCHIANU C.M., BAUTU E. – membri in echipa de implementare
http://www.eed.usv.ro/carsafe/

31. D. Sburlan, E-COST (European Cooperation in Science & Technolgy) ICT COST Action IC1405 Reversible computations – MC member (http://www.cost.eu/COST_Actions/ict/IC1405?management)

32. D. Sburlan, E-COST (European Cooperation in Science & Technolgy) ICT COST Action IC1307 - The European Network on Integrating Vision and Language – MC substitute (http://www.cost.eu/COST_Actions/ict/IC1307?management)

33. G. Badea, PN-III-P1-1.1-PRECISI-2019-63277, Copies of lu(ln|n ∈ N) in_PI2 (lp, lq) , 1 ≤ p,q < ∞, Linear and Multilinear Algebra 2019, decembrie 2019, 2000 lei.

34. G. Badea, Coordonator proiect UOC - Partener in cadrul proiectului 2018-1-RO01-KA203-049510 cu titlul „Blockchain for Entrepreneurs- an non-traditional Industry 4.0 curriculum for Higher education", 2019-2021

35. E. Bautu, PN-III Program, Complex Project PN-III-P1-1.2-PCCDI-2017-0917, "Hybrid Light Visible Communication Platform and Augmented Reality for the Development of Intelligent Systems for Active Assistance and Safety of Vehicles", contract no. 21 PCCDI / 2018.

36. M.-G. Ciuca, Cercetător Științific, "Blockchain for Entrepreneurs- an non-traditional Industry 4.0 curriculum for Higher education", 018-1-RO01-KA203-049510, decembrie 2019 - prezent

37. 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=XY1BDoIwEEXvMmvBDpNSGO5gTDxBpaA1aAkFIRjvbunG6Gp+Ju/9rznnl2di8NZAFZJiGJU6t6NfNPWrKdtyFbeaErSFG/SYoFhoyK8bjAx2uxmDxGgz1MZDZZlytQGhzZj+cTztSYmsyAohi2gE9fvZZYiSEAkp1spoHf4cFAy/YNidm7gb0t2ZqWtSN1zSqWmtr41Nn7aZUz2MtnYdVO8P&wchk=f911e899c61edf5e342f1c12a34ef4d5f76ad923

38. 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=XY1BDoIwEEXvMmvBDpNSGO5gTDxBpaA1aAkFIRjvbunG6Gp+Ju/9rznnl2di8NZAFZJiGJU6t6NfNPWrKdtyFbeaErSFG/SYoFhoyK8bjAx2uxmDxGgz1MZDZZlytQGhzZj+cTztSYmsyAohi2gE9fvZZYiSEAkp1spoHf4cFAy/YNidm7gb0t2ZqWtSN1zSqWmtr41Nn7aZUz2MtnYdVO8P&wchk=f911e899c61edf5e342f1c12a34ef4d5f76ad923

39. D. Iordache, BLOCKS- ERASMUS Plus Contract nr. 2018 Project Nr: 2018-1-RO01-KA203-049510 - Cercetător științific în informatică

40. D. Iordache, ProInfo - pregatirea resursei umane in Informatica, POCU/320/6/21/Operațiune compozită OS. 6.7, 6.9. 6.10, Cod: 122837, Beneficiar: Universitatea "Ovidius" Constanta - Responsabil tehnic FPC

41. D. Iordache, ProInfo - pregatirea resursei umane in Informatica, POCU/227/3/8/118372, Beneficiar: Universitatea "Ovidius" Constanta - Expert dezvoltare curiculă ofertă educațională universitară

42. D.-M. Popovici, Proiectul CarSAFE, Contract finantare nr: 21PCCDI/2018, Cod proiect: PN-III-P1-1.2-PCCDI-2017-0917, http://carsafe.cerva.ro

43. D. Savin, Membru in comitetul de redactiei al revistei Analele Stiintifice ale Universitatii Ovidius,seria matematica, revista premiata in 2019 de catre

Ministerul Cercetarii si Inovarii (a sevedea propunerea comisiei pt. subventionarea literaturii tehnico-stiintifice, rezultatele procesului de evaluare 2019: http://www.research.gov.ro/uploads/subventionareliteratura-ts/2019/skm-bizhubc19112611370-m.pdf).

44. D. Sburlan, Platformă hibridă de comunicații prin lumină vizibilă și realitate augmentată pentru dezvoltarea de sisteme inteligente de asistență și siguranță activă a autovehiculelor, PN-III-P1-1.2-PCCDI-2017-0917 / nr. 21PCCDI ∕ 2018, PNCDI III

6. Participarea la rezolvareaunorproiectenationalesi/ sauinternationale in rezolvarea unorobiective de interesstiintific, economic, cultural sau social.

1. G. Badea, Membru in echipa proiectului Cross-Border Maritime Spatial plan for the Black Sea – Romania, Bulgaria (MARSPLAN-BS) Cod Contract: EASME/EMFF/2014/1.2.1.5/Lot 1/P01, Durata 02.2016-prezent

2. G. Badea, Membru in echipa proiectului BURSA DE PROIECTE – Cultura Inovativ Antreprenoriala Aplicata, Proiect cofinantat din Fondul Social European prin Programul Operaţional Sectorial pentru Dezvoltarea Resurselor Umane 2007 – 2013, Număr de identificare contract: POSDRU/156/1.2/G/135587, Manager de proiect: ing. Sirbu Laurentiu, Universitatea Ovidius din Constanta, Durata proiectului: 14.05.2014-14.11.2015. http://bp2.univ-ovidius.ro/

3. G. Badea, Membru in echipa proiectului „MATE-INFO.NET" Adaptarea programelor de studii universitare la Cadrul Naţional al Calificărilor în Învăţământul Superior şi crearea unei reţele virtuale în vederea îmbunătăţirii interacţiunii cu mediul de afaceri pentru a susţine dezvoltarea economică şi socială, Proiect finanţat de Fondul Social European prin Programul Operational Sectorial Dezvoltarea Resurselor Umane 2007-2013, Număr de identificare contract: POSDRU/156/1.2/G/136858, Manager de proiect: lect.dr. Bobe Alexandru, Universitatea Ovidius din Constanta, Durata proiectului: 13.05.2014-13.11.2015 http://mate-info.univ-ovidius.ro Platforma online a proiectului: http://minet.univ-ovidius.ro/portal/ilias.php?lang=ro&client_id=mateinfo&cmdClass=ilpasswordassistancegui&cmdNode=93:92&baseClass=ilStartUpGUI

4. G. Badea, Membru in echipa proiectului BURSA INTERUNIVERSITARA DE PROIECTE, Proiect finanţat de Fondul Social European prin Programul Operational Sectorial Dezvoltarea Resurselor Umane 2007-2013, Număr de identificare contract: POSDRU/86/1.2/S/62885, Manager de proiect-Partener regional: ing. Sirbu Laurentiu, Ministerul Educatiei, Cercetarii, Tineretului si Sportului, Universitatea Ovidius din Constanta-partener regional zona de S-E, Durata proiectului: 36 luni (nov. 2010-nov. 2013) http://www.bursa-proiecte.ro/

5. E. Bautu, membru 2010-2013 HapticMed: Interfete cu retur haptic in aplicatii medicale, Contract no: 128/02.06.2010, Proiect nr. 567/

SMID 12271, Axa prioritara 2: Competitivitate prin Cercetare, Dezvoltare Tehnologica si Inovare, POSCCE O.2.1.2 – 2009 director de proiect: Conf. dr. Felix G. Hamza-Lup, Membri: D.M. Popovici, C. M. Puchianu, E. Băutu, A. Nicola URL:http://hapticmed.cerva.ro/

6. E. Bautu, membru 2014-2015 Cercetarea realității educaționale-coordonată fundamentală a formării viitorilor profesori, coordonator echipa IT, POSTDRU/156/1.2/G/139720, Director de proiect: Conf. univ. dr. Daniela Căprioară, Membri: C. M. Puchianu, D.M. Popovici, D. Sburlan, E. Băutu, E. Pelican, A. Nicola, L. Cosma URL:http://ccepps.univ-ovidius.ro/edu-cercetare/

7. A. Bobe, „Bursa de proiecte", POSDRU/86/1.2/62885, Ministerul Educației, Cercetării și Inovării, Durata: 2010-2013 (30 luni), Valoarea: 15.545.345 lei.

8. A. Bobe, "A.P.R.O.A.P.E –Administrație Publică Responsabilă = O Administrație Publică Eficientă", PODCA – SMIS 40119, Durata: 2012-2014 (18 luni), Valoarea: 167.000 lei.

9. A. Bobe, "Mate-Info.NET", ID 136858, Durata: 2014-2015 (18 luni), Valoarea: 2.082.557 lei (Manager de proiect)

10. A. Bobe, "Bursa de proiecte – Cultura inovativ antreprenoriala aplicata", ID 135587, Durata 2014-2015 (16 luni), Valoarea: 1.973.258 lei

11. W. Boskoff, Improving Mathematics education, Beneficiar: Societatea de Științe Matematice din România, Finantator: Romanian American Foundation, Durata: 36 luni (01 Martie 2011- 28 Februarie 2014), Buget total: $872.729, calitate: Expert

12. W. Boskoff, "Oportunitati pentru o cariera didactica de calitate printr-un program national de formare continua a profesorilor de matematica din invatamantul preuniversitar". Beneficiar: Ministerul Educației, Cercetării, Tineretului și Sportului: Cod contract: POSDRU/87/1.3/S/62882 - Axa prioritară: 1. „Educația și formarea profesională în sprijinul creșterii economice și dezvoltării societății bazate pe cunoaștere"; Domeniul major de intervenție: 1.3 „Dezvoltarea resurselor umane în educație și formare profesională". Perioada2007-2013. Calitate: Expert cheie

13. W. Boskoff, EDUCAȚIA MATEMATICĂ. Curriculum. ANALIZĂ ȘI DIRECȚII DE ACȚIUNE:

http://www.rafonline.org/programe/curriculum-la-disciplina-matematica

BENEFICIAR: Societatea de Ştiinţe Matematice din România, Finantator : Romanian American Foundation, Durata: 13 luni (Februarie 2016-Martie 2017), Buget total: $137.000 calitate: Expert

14. O. Chelai, Membru in echipa contractului POSDRU/160/2.1./S/139928 Student azi! Profesionist maine! - Îmbunătăţirea procesului de inserţie pe piaţa muncii a studenţilor din domeniile tehnic / economic / medical veterinar(IMPULS), Universitatea Politehnica Bucuresti/ Partener: Universitatea Ovidius, expert pe termen scurt, 2015

15. O. Chelai, Membru in echipa contractului POSDRU 1.3/157/S/141587 „Reţea de formare continuă a cadrelor didactice pentru a utiliza multimedia, instrumentaţia virtuală şi web 2.0 în aria curriculară Matematică şi ştiinţe ale naturii (ProWeb)", Universitatea Valahia din Targoviste/ Partener: Universitatea Ovidius, responsabil regional IT, 2014-2015

16. O. Chelai, Membru in echipa contractului POSDRU 1.3/157/S/141587 „Reţea de formare continuă a cadrelor didactice pentru a utiliza multimedia, instrumentaţia virtuală şi web 2.0 în aria curriculară Matematică şi ştiinţe ale naturii (ProWeb)", Universitatea Valahia din Targoviste/ Partener: Universitatea Ovidius, profesor formator, 2014-2015

17. G.V. Cirlig, Expert tehnic în proiectul „Bursa de proiecte 2" - contract POSDRU 156/1.2/G/135587

18. G.V. Cirlig, Expert management calificari în proiectul „Mate-Info.NET" - contract POSDRU 136858

19. G.V. Cirlig,, Expert formator în proiectul „PROWEB" - contract POSDRU ID 141587

20. G.V. Cirlig, Expert IT în contract PODCA: "A.P.R.O.A.P.E.", cod SMIS 40119

21. G.V. Cirlig, Expert IT în Proiectul „Bursa de Proiecte" – contract POSDRU/86/1.2/S/62885

22. M. G. Ciuca, Membru în echipa de cercetare a proiectului APROAPE (Administraţie Publică Responsabilă=O Administraţie Publică Eficientă), Cod SMIS 40119, Durata contractului: 16.10.2012-15.10.2014, Finanţat de PODCA 2007-2013, Manager de proiect: Pârcălabu-Ismail Filiz, Prefectura Constanţa. http://www.constanta-aproape.ro

23. M. G. Ciuca, Membru în echipa de cercetare a proiectului MATE-INFO.NET, Cod contract POSDRU/156/1.2/G/136858, Finanţat de

POSDRU 2007-2013, Manager de proiect: Bobe Alexandru, UOC. http://mate-info.univ-ovidius.ro

24. M. G. Ciuca, Membru în echipa de cercetare a proiectului Bursa de Proiecte – Cultura Inovativ Antreprenorială Aplicată, Cod contract POSDRU/156/1.2/G/135587, Finanțat de POSDRU 2007-2013, Manager de proiect: Sîrbu Laurențiu, UOC. http://bp2.univ-ovidius.ro

25. M. G. Ciuca, Expert IT în proiectul „PPC – Practic pentru carieră!" (07.2015-12.2015), Cod contract POSDRU/189/2.1/G/156686, Manager de proiect: Ionescu Mihaela. http://ppc-ovidius.ro

26. L. Barbu, Membru in echipa proiectului „MATE-INFO.NET" Adaptarea programelor de studii universitare la Cadrul Național al Calificărilor în Învățământul Superior şi crearea unei rețele virtuale în vederea îmbunătățirii interacțiunii cu mediul de afaceri pentru a susține dezvoltarea economică şi socială, Proiect finanțat de Fondul Social European prin Programul Operational Sectorial Dezvoltarea Resurselor Umane 2007-2013, Număr de identificare contract: POSDRU/156/1.2/G/136858, Manager de proiect: lect.dr. Bobe Alexandru, Universitatea Ovidius din Constanta, Durata proiectului: 13.05.2014-13.11.2015

27. C. Flaut, Membru in Proiectul POSDRU/157/1.3/S/141587, „Rețea de formare continuă a cadrelor didactice pentru a utiliza multimedia, instrumentația virtuală şi web 2.0 în aria curriculară Matematică şi ştiințe ale naturii (ProWeb)", valoare totala 5.845.359,05 RON, profesor formator al disciplinei Fundamente psihopedagogice ale utilizării TIC în formarea continuă a cadrelor didactice din aria curriculară Matematică şi ştiințe ale naturii http://www.univ-ovidius.ro/images/pdf/comunicate-de-presa/Comunicat%20de%20presa%20-%200374.pdf (Dir. Proiect UOC-conf. dr. Eugen PETAC)

28. D. Ibadula, Research Felowship Grant in the frame of the POS-DRU Program, research fellow at Université de Nice- Sophia Antipolis, invited by Professor Alexandru Dimca, november 2012; http://www.unice.fr/

29. D. Ibadula, Grant of Dinu Patriciu Foundation, The 1st PRIZE in Education for The BEST ROMANIAN UNIVERSITY TEACHER in the year 2011; http://www.premiileineducatie.ro/

30. D. Ibadula, European Research Mobility Grant, August 1, 2011 - October 31, 2011, in the frame of the POS-DRU Program, project title: Actual problems in the study of Igusa local zeta function and p-adic models in economy and finance; http://ro-media.com/public/posdru/PROIECT.html

31. D. Ibadula, Visiting Professor Grant offered by Secretaria de Relaciones Exteriores de Mexico and Embajada de Mexico en Rumania, at the invitation of prof. Wilson Zuniga-Galindo; http://sre.gob.mx/

32. D. Ibadula, Postdoctoral Grant at "Simion Stoilow" Institute of Mathematics of the Romanian Academy (IMAR), in the frame of the POS-DRU Program, project title: Actual problems in the study of Igusa local zeta function and p-adic models in economy and finance, December 1, 2010 - November 30, 2012; http://ro-media.com/public/posdru/PROIECT.html

33. F. G. Iorgulescu, Membru in colectivul Proiectului "Mate-info.NET" , Univ. "Ovidius" Constanta ca expert adaptare programe , POSDRU/156/1.2/G/136858

34. L. Lita, Mate-info.net. Adaptarea programelor de studii universitare la Cadrul Național al calificărilor în învățământul superior și crearea unei rețele virtuale în vederea îmbunătățirii interacțiunii cu mdiul de afaceri pentru a susține dezvoltarea economică și social – POSDRU/156/1.2/G/136858 –membru

35. A. Nicola, Mate-info.net. Adaptarea programelor de studii universitare la Cadrul Național al calificărilor în învățământul superior și crearea unei rețele virtuale în vederea îmbunătățirii interacțiunii cu mdiul de afaceri pentru a susține dezvoltarea economică și social – POSDRU/156/1.2/G/136858 –membru

36. E. Pelican, Mate-info.net. Adaptarea programelor de studii universitare la Cadrul Național al calificărilor în învățământul superior și crearea unei rețele virtuale în vederea îmbunătățirii interacțiunii cu mdiul de afaceri pentru a susține dezvoltarea economică și social – POSDRU/156/1.2/G/136858 – membru

37. E. Pelican, Cercetarea realității educaționale – coordonată fundamentală a formării viitorilor profesori, POSDRU/156/1.2/G/139720 – membru

38. E. Pelican, „PPC – Practic pentru Carieră" POSDRU/189/2.1/G/156686 – membru

39. E. Petac, Coordonator proiect P1, proiect POSDRU ID 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)", februarie-octombrie 2015 http://proweb.ssai.valahia.ro/ , http://www.cdsd.ro/proweb/index.html

40. E. Petac, Formator-Profesor titular curs si Formator Asistent, Expert termen lung, proiect POSDRU ID 141587 - „Rețea de formare continuă a cadrelor didactice pentru a utiliza multimedia,

instrumentaţia virtuală şi web 2.0 în aria curriculară Matematică şi Ştiinţe ale Naturii (ProWeb)", ianuarie-octombrie 2015, http://proweb.ssai.valahia.ro/ , http://www.cdsd.ro/proweb/index.html

41. E. Petac, General Conference Chair, International Conference on Creative Collaboration through Supportive Technologies (ICCCST 2015), July 24, 2015, Constanta, Romania (http://www.univ-ovidius.ro/icccst2015, http://www.cdsd.ro/conference2015/ccst.html)

42. E. Petac, Expert orientare in cariera si stagii de practica si studiu P2, Expert termen scurt, POSDRU/160/2.1./S/139928 "Student azi! Profesionist maine! – imbunatatirea procesului de insertie pe piata muncii a studentilor din domeniile tehnic/economic/medical veterinar", aprilie – noiembrie 2015, http://www.proiectimpuls.ro/

43. C. Popa, Cross-Border Maritime Spatial Plan for the Black Sea , EASME/EMFF/2014/1.2.1.5/2/SI2.707672 MSP LOT 1 MARSPLAN BS /14.08.2015/European Comission; coordinator Ministerul Dezvoltarii; eu – responsabil partener P6 – UOC; 2.049.015,74 euro; valoare UOC aprox. 300.000 euro

44. C. Popa, Mate-info.net. Adaptarea programelor de studii universitare la Cadrul Național al calificărilor în învățământul superior și crearea unei rețele virtuale în vederea îmbunătățirii interacțiunii cu mdiul de afaceri pentru a susține dezvoltarea economică și social – POSDRU/156/1.2/G/136858 –membru

45. D.M. Popovici, POSDRU/189/2.1/G/156686 - PPC-Practic pentru Carieră! (expert termen scurt - tutore) (5 luni)

46. D.M. Popovici, POSDRU/156/1.2/G/139720 - Cercetarea realității educaționale - coordonată fundamentală a formării viitorilor profesori (expert IT) (18 luni)

47. D.M. Popovici, POSDRU/156/1.2/G/136858 - Mate-Info.NET. Adaptarea programelor de studii universitare la Cadrul Național al calificărilor în învățământul superior și crearea unei rețele virtuale în vederea îmbunătățirii interacțiunii cu mediul de afaceri pentru a susține dezvoltarea economică și sociala (expert curricula) (18luni)

48. C.M. Puchianu, 2010-2013 HapticMed: Interfete cu retur haptic in aplicatii medicale, Contract no: 128/02.06.2010, Proiect nr. 567/ SMID 12271, Axa prioritara 2: Competitivitate prin Cercetare, Dezvoltare Tehnologica si Inovare, POSCCE O.2.1.2 – 2009 director de proiect: Conf. dr. Felix G. Hamza-Lup, Membri: D.M. Popovici, C. M. Puchianu, E. Băutu, A. Nicola URL: http://hapticmed.cerva.ro/

49. C.M. Puchianu, 2014-2015 Cercetarea realității educaționale-coordonată fundamentală a formării viitorilor profesori, coordonator

echipa IT, POSTDRU/156/1.2/G/139720, Director de proiect: Conf. univ. dr. Daniela Căprioară, Membri: C. M. Puchianu, D.M. Popovici, D. Sburlan, E. Băutu, E. Pelican, A. Nicola, L. Cosma URL: http://ccepps.univ-ovidius.ro/edu-cercetare/

50. C.M. Puchianu, 2015, PPC - Practic pentru Carieră, POSDRU/189/2.1/G/156686, Proiect cofinanțat din Fondul Social European prin Programul Operațional Sectorial Dezvoltarea Resurselor Umane 2007-2013 , Axa prioritară 2 „Corelarea învățării pe tot parcursul vieții cu piața muncii", Domeniul major de intervenție 2.1 „Tranziția de la școală la viața activă", Director de proiect: Mihaela Ionescu

51. C.M. Puchianu, Membru in echipa de cercetare a proiectului nr. 12083/2008, Tehnologii ale realității virtuale si augmentate utilizate în simularea manoperelor preparării dinților în protezarea fixă, perioada proiectului: 2008-2011, Programul 4 "Parteneriate In Domeniile Prioritare", 2007-2013, Centrul National de Management Programe, director de proiect: Prof. univ.dr. Corneliu Amariei URL: http://cerva.ro/project/virdent/ http://www.univ-ovidius.ro/oralhealth/virdent.html

52. A. Rusu, . Formator-Profesor titular curs si Formator Asistent, Expert termen lung, proiect POSDRU ID 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)", ianuarie-octombrie 2015, http://proweb.ssai.valahia.ro/

53. D. Savin, Membru in grantul PROWEB (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), 2015, director de proiect: conf. dr. Eugen Petac, Universitatea Ovidius.

54. D. Savin - Visiting researcher fellowship la Centre de Recerca Matematica, Facultat de Ciencies, Universitat Autonoma de Barcelona, Spain, January 7, 2012 – March 31, 2012.

55. C. Sburlan, Membru in POSDRU/160/2.1./S/139928 „Student azi! Profesionist maine! - Îmbunătățirea procesului de inserție pe piața muncii a studenților din domeniile tehnic /economic /medical veterinar (IMPULS)", Beneficiar Universitatea Politehnica Bucuresti, Partener Universitatea Ovidius, Perioada de derulare: 2014-2015 (http://www.proiectimpuls.ro/)

56. C. Sburlan, Membru in POSDRU/157/1.3/S/141587 „Rețea de formare continuă a cadrelor didactice pentru a utiliza multimedia,

instrumentaţia virtuală şi web 2.0 în aria curriculară Matematică şi ştiinţe ale naturii (ProWeb)", Beneficiar Universitatea Valahia din Târgovişte, Partener Universitatea Ovidius, Perioada de derulare: 2014-2015 (http://proweb.ssai.valahia.ro/)

57. D. Sburlan, Proiectul *IMPULS*, POSDRU/160/2.1./S/139928, long term expert (http://www.proiectimpuls.ro/)

58. D. Sburlan, Proiectul POSDRU/156/1.2/G/139720, *Cercetarea realitatii educationale-coordonata fundamentala a formarii viitorilor profesori*, expert IT (http://ccepps.univ-ovidius.ro/edu-cercetare/)

59. D. Sburlan, ICT COST Action IC1405, *Reversible computation - extending horizons of computing* (http://www.cost.eu/COST_Actions/ict/IC1405)

60. D. Sburlan, ICT COST Action IC1307, *The European Network on Integrating Vision and Language (iV&L Net): Combining Computer Vision and Language Processing For Advanced Search, Retrieval, Annotation and Description of Visual Data* (http://www.cost.eu/COST_Actions/ict/IC1307)

61. E. Zaharescu, "Formal Languages, Calculability and Complexity. Folding Algorithms Applications" National Research Council (CNCS)–Contract 551/2009-2011 – Cercetător cu experienţă

62. E. Zaharescu, CONTRACT CIVIL PRIVIND ACTIVITATI INTELECTUALE, ȘTIINȚIFICE INDEPENDENTE Nr.3./05.11.2016 - INSTITUTUL DE STIINTE EUROPENE ŞI MANAGEMENT- Bucureşti
 -Managementul Serviciilor IT Cerinte generale pentru un SMS (Sistem de Management al Serviciilor) -conform ISO-IEC 20000-1

- Auditor al sistemului de management al securităţii informaţiei. Conceptele de securitate a informaţiei -conform ISO-IEC 27001-

-Validarea sistemelor computerizate. Managementul riscului de calitate pentru sisteme computerizate GxP.

63. E. Zaharescu, POSDRU/160/2.1./S/139928 „IMPULS" Student azi! Profesionist maine! - Imbunătăţirea procesului de inserţie pe piaţa muncii a studenţilor din domeniile tehnic/economic / medical veterinar – Coordonator activitati P2

64. E. Zaharescu, POSDRU/157/1.3/S/141587. „PROWEB" "Reţea de formare continuă a cadrelor didactice pentru a utiliza multimedia, instrumentaţia virtuală şi web 2.0 în aria curriculară Matematică şi

ştiinţe ale naturii (ProWeb)"- Expert activitaţi predare/evaluare curs „Tehnologii multimedia în educaţie"

65. G. Badea, Expert IT- in cadrul proiectului Creșterea capacității instituționale a Universității „Ovidius" din Constanța prin implementarea unui sistem informatic de gestiune a proceselor decizionale și prin profesionalizarea personalului cu funcții de conducere, Cod CNFIS-FDI-2017-0707, Durata 3.07.2017-14.12.2017

66. E. Bautu, Membru in colectivul de cercetare al proiectului *Software pentru managementul resurselor umane implicate în activități didactice*, Contract de cercetare din planul sectorial al MINISTERULUI APĂRĂRII NAȚIONALE

67. D. Ibadula, Free hypersurfaces and Terao's conjecture , 07-20 August 2016, Oberwolfach Research Institute for Mathematics, Germany;

68. D. Ibadula, The Second Romanian-Turkish Mathematics Colloquium, (2nd edition), Istanbul, Turkey, October 25th – 29th, 2017, Initiator and member of scientific Committee; Organized by Galatasaray University – Department of mathematics, Istanbul (Turkey) in colaboration with the "Grigore Moisil" Romanian – Turkish joint Laboratory of Mathematical Research of Ovidius University of Constanta and Institute of Mathematics Simion Stoilow of the Romanian Academy;

69. D. Ibadula, Joint International Meeting of the German Mathematical Society and the Romanian Mathematical Society, Constanța, September 16 – 19, 2017, organizer; Organized by Romanian Mathematical Society in cooperation with German Mathematical Society, Institute of Mathematics Simion Stoilow of the Romanian Academy and Faculty of Mathematics and Computer Science from Ovidius University, Constanta;

70. D. Ibadula, Workshop for Young Researchers in Mathematics, 7th edition, Constanta, Romania, May, 17th-20th, 2017; Organizer of the

Algebra, Number Theory, Algebraic Geometry, Geometry and Topology Section; Organized by the The Research Institute of the University of Bucharest, Faculty of Mathematics and Computer Science from Bucharest University in cooperation with Faculty of Mathematics and Computer Science from Ovidius University, Constanta and Institute of Mathematics Simion Stoilow of the Romanian Academy (IMAR), the Romanian Mathematical Society - Bucharest Branch and the Department of Mathematics of University of Wisconsin – Madison;

71. E. Petac, International Conference Academic Days of the Academy of Technical Sciences of Romania 2017, 12th Edition, 6-7 October 2017, Organized by Ovidius University of Constanța under the Academy of Technical Sciences of Romania (ASTR) aegis, Constanta, Romania

72. E. Petac, International Conference of Engineering Graphics and Design (ICEGD 2017), 26-27 May 2017, Constanta, Romania

73. A. Alexandrescu, Contract (cu finantare europeana) cu ACDMN (Administratia Canal Dunare-Marea Neagra) nr. 1371 din 27.07.2018, capitol IT- Hardware si Software, contract avand ca obiect „Modernizarea si extinderea sistemului de masura nivele apa pe Canalul Dunare Marea Neagra si Poarta Alba Midia Navodari". Am realizat sistemul software pt. preluarea si centralizarea automata a masuratorilor, precum si vizualizarea acestora.

74. A. Barbulescu, Membru in Grantul de cercetare *Environmental Impact &Modelling of Dust Storms Pathway in UAE using Field and Remote Sensing Techniques* – 2018-2010 - Zayed University Abu Dhabi

75. E. Bautu, Membru in colectivul de cercetare la proiectul PN-III-P1-1.2-PCCDI-2017-0917; Denumirea proiectului: Platforma hibrida de comunicatii prin lumina vizibila si realitate augmentata pentru dezvoltarea de sisteme inteligente de asistenta si siguranta activa a autovehiculelor

76. A. Bobe, Responsabil proiect din partea UOC pentru Smart Factories, Call Digital Sigle Market, https://ec.europa.eu/digital-single-market/en/news/34-new-digital-innovation-hubs-selected-participate-training-programme

77. W. Boskoff, Actiuni ale SSMR de promovare a interdisciplinaritatii Matematica-Fizica, 6 Decembrie 2018, IMAR

78. W. Boskoff, Olimpiada Internationala de Matematica, Cluj-Napoca, 3-15 Iulie, Coordonator Problema 6, Comisia Internationala de Matematica

79. W. Boskoff, Olimpiada Nationala de Matematica, Satu Mare, 3-7 Aprilie 2018, Membru al Comisiei Nationale de Matematica

80. W. Boskoff, Premiul pentru excelenta in educatie al MEN pentru sustinerea performantelor scolare concretizate prin participarea la Competii Matematice Internationale ale elevului Alexandru Garban, 20 Decembrie 2018, Aula UPB, Bucuresti

81. W. Boskoff, Participarea la Proiectul National Emag – Excelenta in Matematica 2017-2018, saptamanal la CNMB, Constanta

82. W. Boskoff, Membru al Colectivului de Redactie al revistelor Gazeta Matematica B, Gazeta Matematica A, Didactica Matematica si Tensor (Revista Societatii de Matematica din Japonia)

83. G. Cirlig, 06.2018 - 12.2018: Expert informatizare în proiectul „GAUDEAMUS - CNFIS-FDI-2018-0486

84. G. Cirlig, 06.2018 - 12.2018: Expert informatizare în proiectul „CALIOPE"" - CNFIS-FDI-2018-0495

85. V. Ene, Membru in proiectul FDI 2018: Calitate și integritate.
Crearea și dezvoltarea în Universitatea „Ovidius" din Constanța a Platformei electronice instituționale a calității și integrității academice – CALIOPE, Director de proiect: Prof. dr. Ionela Popovici

86. D. Ibadula, 1-3 noiembrie 2018 – Universitatea Trakya, Edirne, Turcia –Protocol de colaborare UOC – Universitatea Trakya, Edirne, Turcia; https://www.facebook.com/UnivOvidiusConstanta/posts/2098811263513643

87. C. Sburlan, Membru in Proiectul ROSE, Sub-Proiect nr. 76/ SGU/ NC/I "Măsuri remediale pentru creșterea ratei de retenție în învățământul superior economic din cadrul Universității Ovidius din Constanța - REMEDIA", Perioada de derulare: 2017-2019.

88. D. Sburlan, Platformă hibridă de comunicații prin lumină vizibilă și realitate augmentată pentru dezvoltarea de sisteme inteligente de asistență și siguranță activă a autovehiculelor, PN-III-P1-1.2-PCCDI-2017-0917 / nr. 21PCCDI/2018, PNCDI III

89. D. Sburlan, Susținerea activităților Societății Antreprenoriale Studențești „Ovidius Innovation Center"-OIC-SAS, Cod Contract: CNFIS-FDI-2018-0480

90. C. Serban, Acord de grant pentru revista Analele Stiintifice ale UOC, Seria Matematica, perioada 03.01-31.01.2019

91. C. Serban, Acord de grant pentru revista Analele Stiintifice ale UOC, Seria Matematica L3/2017, perioada 01-28.02.2018

92. C. Serban, Proiectul privind învățământul secundar: ROSE, schema de granturi pentru universități: SGNU, 68/SGU/NC/I din 07.12.2017, participare an univ. 2017-2018 / 2018-2019

93. G. Badea, Proinfo- pregătirea resursei umane în Informatică, POCU/320/6/21/122837, Expert responsabil grup tinta, 2019-2021

94. G. Badea, ROSE - 258/SGU/NC/II (II/NC/92) – ACCES „ Antrenare, Coordonare, Consiliere si Educatie in timpul studentiei"- Tutore, 2019-2020

95. G. Badea, ROSE-106/SGU/CI/II/2018 "Centru de invatare Sapienta-Ovidius"- Tutore, 2019

96. E. Bautu, Formator in proiectul „Calitate și sustenabilitate în Universitatea "Ovidius" din Constanța. Proiectarea și implementarea unui SISTEM DIGITAL INTEGRAT DE MANAGEMENT al învățării, evaluării și calității academice-DIGITALMENT", CNFIS-FDI-2019-0519

97. E. Bautu, Expert IT in proiectul „CRESTEREA COMPETITIVITATII TINERILOR PE PIATA FORTEI DE MUNCA PRIN ACCES LA STUDII UNIVERSITARE SI PREGATIRE PROFESIONALA CONTINUA", ACRONIM - OVID-COMPETE, CNFIS-FDI-2019-0723

98. A. Bobe, Responsabil proiect din partea UOC pentru Eu Non-Proliferation And Disarmament Network, 11-14 decembrie 2019

99. A. Bobe,, 2019 Training Course on Computer Software / Hardware / Network Technology, 24.08 – 25.09.2019, China

100. A. Bobe, The Tenth Annual International Conference On Nordic And Baltic Studies In Romania, 6-8.06.2019, Constanta.

101. A. Bobe, The 19th International Scientific Conference "Perspectives In Physical Education And Sport", 17-19 mai 2019, Constanta.

102. A. Bobe, Second Romanian Itinerant Seminar on Mathematical Analysis and its Applications, 10-12 mai 2019, Constanta.

103. A. Bobe, „Rock IT Fest", 9 mai 2019, Constanta.

104. A. Bobe, Digital Internatonal Forum IV -- The Digital Future of Europe, May 7 2019, Bucharest.

105. A. Bobe, Dell Technologies World 2019, 28.04 – 03.05.2019, Las Vegas.

106. G. Cirlig, Cercetator stiintific in proiectul BLOCKS - Erasmus Plus 2018-1-RO01-KA203-049510

107. G. Cirlig, Expert grup tinta in proiectul PROINFO - POCU/320/6/21/ - Cod proiect: 122837

108. M.-G. Ciuca, Expert învățământ, "Excelență, performanța și competitivitate în cercetarea biomedicală din Universitatea "Ovidius" din Constanța", CNFIS-FDI-2019-0558, iulie-noiembrie 2019.

109. M.-G. Ciuca, Expert Informatician, "Extinderea și modernizarea bazei de practică din Stațiunea Didactică și Experimentală Ovidius", CNFIS-FDI-2019-0465, august-noiembrie 2019.

110. M.-G. Ciuca, Programator sistem informatic, "ORP - Soluții software pentru managementul resurselor în cadrul UOC", 2016 - prezent.

111. M.-G. Ciuca, Expert Dezvoltare Curiculă, "ProInfo- pregatirea resursei umane în Informatica", POCU/320/6/21/122837, decembrie 2019 – present

112. D. Iordache, Blocks-Blockchain for entrepreneurs - ERASMUS+ Programme - Strategic partneship, Project Nr: 2016-1-RO01-KA203-024798 - Participant grup țintă - Train the trainers

113. A. Nicola, Expert invatamant in proiectul ProInfo -pregatirea resursei umane in Informatica, POCU/320/6/21/122837

114. A. Nicola, Evaluator competente profesionale in proiect POCU/320/6/21/122837, ProInfo -pregatirea resursei umane in Informatica

115. E. Pelican, Expert dezvoltare curiculă ofertă educațională universitară", ProInfo - pregatirea resursei umane in Informatica" - ID POCU/320/6/21/122837

116. C. Popa, European Consortium for Mathematics in Industry (EU-MATHS-IN); contact person and responsible for RoCAMI consortium (since 2017); http://www.eu-maths-in.eu/participating-organisations/

117. Puchianu Crenguta, Expert in echipa proiectului "ProInfo - pregatirea resursei umane in Informatica" - ID

POCU/320/6/21/122837, manager de proiect: Lect. univ.dr. Alexandru Bobe

118.   C. Sburlan, Membru in Proiectul POCU/320/6/21/122837 "*ProInfo- pregatirea resursei umane in Informatica*", Beneficiar: Universitatea Ovidius din Constanta, Perioada de derulare: 2018-2021.

119.   C. Sburlan Membru in Proiect privind Învăţământul Secundar – ROSE, Sub-Proiect nr. 76/ SGU/NC/I *"Măsuri remediale pentru creşterea ratei de retenţie în învăţământul superior economic din cadrul Universităţii Ovidius din Constanţa - REMEDIA",* Perioada de derulare: 2017-2020.

120.   D. Sburlan, Susținerea activităților Societății Antreprenoriale Studențești „Ovidius Innovation Center"-OIC-SAS, Cod Contract: CNFIS-FDI-2019-0369

121.   D. Sburlan, Calitate și sustenabilitate în Universitatea ”Ovidius” din Constanța. Proiectarea și implementarea unui SISTEM DIGITAL INTEGRAT DE MANAGEMENT al învățării, evaluării și calității academice-DIGITALMENT

122.   D. Sburlan, "ProInfo - pregatirea resursei umane in Informatica" - ID POCU/320/6/21/122837

123.   D. Sburlan, Subventionarea Literaturii Tehnico stiintifice - Analele Universitatii Ovidius Seria Matematica

124.   C. Serban, Program postdoctoral de cercetare avansată, Scoala Doctorala de Matematica, Institutul Studiilor Doctorale, Universitatea Ovidius Constanta, oct. 2019, perioada: 2 ani

125.   C. Serban, Acord de grant pentru revista Analele Stiintifice ale UOC, Seria Matematica, ian. 2019

C. Serban, Asistent dezvoltare curiculă ofertă educațională

universitară in cadrul proiectului ProInfo – Pregatirea resursei umane

in Informatica, POCU/320/6/21/122837, perioada iulie-dec. 2019