Lista de lucrări

Numele şi prenumele Salamon Júlia

A. Teza de doctorat

Titlu: Contribuţii la teoria echilibrului vectorial parametric
(Contributions to the theory of parametric vector equilibrium)
Anul susţinerii: 2009
Conducătorul ştiinţific: prof. dr. Kolumbán Iosif

B. Cărti publicate

B2. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate în ţară, la edituri recunoscute CNCSIS

1) **Salamon Júlia**, Makó Zoltán, Döntéselmélet közgazdászoknak (Teoria deciziilor pentru economiști), Editura Scientia, Cluj Napoca, 2020, ISBN 9789731970455, 237 pg.
2) Bulboacă Teodor, **Salamon Júlia**, *Komplex analízis II. Feladatok és megoldások*, (Analiză complexă II. Probleme și soluții) Editura Ábel, Cluj Napoca, 2012, ISBN 978-973-114-162-6 (ediţia a treia) 288 pg.
3) **Salamon Júlia**, *Parametric vector equilibrium problems*, Editura Scientia, Cluj Napoca, 2011, ISBN 9789731970462, 152 pg.
4) Makó Zoltán, **Salamon Júlia**, *Operációkutatás példatár közgazdászoknak*, Editura Scientia, Cluj Napoca, 2011, ISBN 9789731970455, 222 pg.
5) Bulboacă Teodor, **Salamon Júlia**, *Komplex analízis II. Feladatok és megoldások*, Editura Ábel, Cluj Napoca, 2007, ISBN 9789731140483 (ediţia a doua) 308 pg.
6) Bulboacă Teodor, **Salamon Júlia**, Nagy Enikő, Gheorghe Oros, Georgia Irina Oros, *Probleme de analiză complexă I*, Editura Universităţii din Oradea, Oradea, 2007, ISBN 9789737592590, 187 pg.
7) András Szilárd, Baricz Árpád, Csapó Hajnalka, Demeter Albert, Lukács Andor, Petru Petra, **Salamon Júlia**, Szilágyi Jutka, Szilágy Zsolt, Zsombori Gabriella, *Megoldások a IX. osztályos tankönyv feladataihoz*, Editura Státus, Miercurea Ciuc, 2003, ISBN 9738311381, 375 pg.
8) Bulboacă Teodor, **Salamon Júlia**, *Komplex analízis II. Feladatok és megoldások*, Editura Ábel, Cluj Napoca, 2002, ISBN 9738239656 (prima ediţie) 308 pg.

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1) Makó Zoltán, Salamon Júlia, A note on the weak stability transition region in the planar elliptic restricted three-body problem, Celestial Mechanics and Dynamical Astronomy, nr. 137, 2025, Article 34, ISSN 0923-2958
2) Makó Zoltán, **Salamon Júlia**, Correlated equilibrium of games in fuzzy environment, *Fuzzy Sets and Systems*, nr. 398, 2020, pp. 112-127 ISSN: 0165-0114

3) **Salamon Júlia,** On operator equilibrium problems, *Math. Commun.*, nr. 19, 2014, pp. 581-587 ISSN: 1331-0623

4) **Salamon Júlia,** Sensitivity analysis of the solution map of parametric operator equilibrium problems, *Publ. Math. Debrecen*, nr. 83, 2013, pp. 625-642 ISSN: 0033 – 3883

5) **Salamon Júlia,** Closedness of the solution map for parametric vector equilibrium problems with trifunctions, *Mathematical Reports*, nr. 13, 2011, pp. 317-328 ISSN: 1582-3067

6) **Salamon Júlia,** Closedness and Hadamard well-posedness of the solution map for parametric vector equilibrium problems, *Journal of Global Optimization*, nr. 47, 2010, pp 173-183 ISSN 0925-5001

7) **Salamon Júlia**, Bogdan Marcel, Closedness of the solution map for parametric weak vector equilibrium problems, *Journal of Mathematical Analysis and Applications* nr. 364, 2010, pp. 483-491 ISSN 0022-247X

8) Makó Zoltán, Szenkovits Ferenc, **Salamon Júlia**, Oláh-Gál Róbert, Stable and unstable orbits around Mercury, *Celestial Mechanics and Dynamical Astronomy*, nr. 108, 2010, pp. 357-370 ISSN 0923-2958

9) **Salamon Júlia,** Closedness of the solution map for parametric vector equilibrium problems, *Studia Univ. "Babes–Bolyai", Mathematica*, vol. LIV, nr. 3, 2009, pp. 137-147, ISSN 0252-1938

10) **Salamon Júlia,** Closedness of the solution mapping to parametric vector equilibrium problems, *Acta Univ. Sapientiae, Mathematica*, nr. 1, 2009, pp. 193-200, ISSN 1844-6094

C2. Lucrări ştiinţifice publicate în reviste indexate în baze de date internaţionale

1) Makó Zoltán, **Salamon Júlia,** Korrelált egyensúly a fuzzy játékokban (Echilibru corelat în jocurile fuzzy), *Alkalmazott Matematikai Lapok*, nr. 40, 2023, pp, 113-123 (MathSciNet, Zentralblatt) ISSN 0133-3399

2) Makó Zoltán, **Salamon Júlia**, Weak stability transition region near the orbit of the Moon, *Multi-scale (time and mass) dynamics of space objects IAU Symposium* nr. 364, eds. A. Celleti, C. Beauge, C. Gales, A. Lemaitre, 2022, Cambridge University Press, pp. 184-190 (Scopus, ProQuest) ISSN 1743-9221

3) Makó Zoltán, **Salamon Júlia**, Correlated equilibrium in bimatrix games with fuzzy payoffs, *Procedia Computer Science*, nr. 102, 2016, pp 217. (Scopus) ISSN 1877-0509

4) **Salamon Júlia,** Some regularities for parametric operator equilibrium problems, *Automation, Computers, Applied Mathematics*, nr. 19, 2010, pp. 171-178. ISSN 1221-437X

5) **Salamon Júlia,** Some regularities for parametric vector equilibrium problems, *Automation, Computers, Applied Mathematics*, nr. 17, 2008, pp. 557-564. (MathSciNet, MR2541567) ISSN 1221-437X

6) **Salamon Júlia**, Sensitivity analysis of the energy functional, *Creative Mathematics and Informatics*, nr. 17, 2008, pp. 85-92. (MathSciNet MR2487847; Zentralblatt, Zbl pre05624005) ISSN 1584 - 286X

7) **Salamon Júlia**, *Sensitivity analysis of the energy functional defined on Sobolev space*, 7th International Conference on Applied Informatics Eger, Hungary, B.V.B. Nyomda és Kiadó Kft., vol. 2, 2007, pp. 109-117. (Zentralblatt, Zbl 1179.65018)

8) Makó Zoltán, **Salamon Júlia**, *Banded approximation with diffusion-neural-network*, 7th International Conference on Applied Informatics Eger, Hungary, B.V.B. Nyomda és Kiadó Kft., vol 2, 2007, pp. 93-101. (Zentralblatt, Zbl 1178.68442)

9) Oláh-Gál Róbert, **Salamon Júlia**, The „Teaching Mathematics and Computer Science" journal logo's mathematical background, *Teaching Mathematics and Computer Sience*, Vol.I, nr. 3/1, 2005, pp. 55-65, (Zentralblatt MathDI, ME 2005f.03034). ISSN 1589-7389

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

1) **Salamon Júlia,** Matekkör, a csodabogarak gyülekező helye, (Clubul de matematică), VII. Olimpiadă Națională de Matematică pentru Școlile/Secțiile cu Predare în Limba Maghiară, 24-28 februarie 2025, etapa națională, în imprimarea "A rozettán innen és túl" (De aici și dincolo de rozetă)

2) **Salamon Júlia,** Geodetikusok a Bolyai–Lobacsevszkij-geometriában (Geodezice în geometria Bolyai-Lobacsevsky), *Firka*, nr. 32/1, 2023, pp. 12-18, ISSN 1224-371X

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

1) **Salamon Júlia**, Makó Zoltán, Searching for correlated equilibriums in interval valued games, 17th Annual International Conference on, Economics and Business, Miercurea Ciuc, Ed. Risoprint, 2025, pp. 377-387. ISBN: 978-973-53-3346-8

2) Makó Zoltán, **Salamon Júlia**, Intuitionistic fuzzy certainty equivalence in prospect theory, 17th Annual International Conference on, Economics and Business, Miercurea Ciuc, Ed. Risoprint, 2025, pp. 368-376. ISBN: 978-973-53-3346-8

3) Makó Zoltán, **Salamon Júlia**, *Correlated equilibriums of games with possibility preference*, 14th Annual International Conference on Economics and Business, Miercurea Ciuc, Ed. Risoprint, 2018, pp. 201-212. ISBN: 978-973-53-2249-6

4) **Salamon Júlia**, Oláh-Gál Róbert, *A computer graphic model for hyperbolic plane*, 5th International Conference "Non-Euclidean Geometry in Modern Physics", Minsk, Belarus, October 10-13, 2006, pp. 212-220.

5) Oláh-Gál Róbert, **Salamon Júlia**, *Geodesics on the pseudosphere*, 4th International Conference "Non-Euclidean Geometry in Modern Physics and Mathematics", Nizhny Novgorod, September 7-11, Nizhny Novgorod-Kiev, 2004, pp. 186-193.

6) **Salamon Júlia**, *Conformal application with computer graphics in simply connected regions*, 6th International Conference on Applied Informatics Eger Hungary, Volume I, B.V.B. Nyomda és Kiadó Kft., Eger, 2004, pp. 417-424. (Zbl 1074.68507)

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

1) SimplexV4 common free Tool development and Day, Visegrad+ Grants, 2019-2020 membru
2) Analysis of Consumer Demand: Likelihood-Based Estimation and Applications, Ministerul Educației Naționale, CNCS UEFISCDI, 2013-2016, membru
3) Bursă pentru tineri cadre didactice, Ministerul Resurselor Umane al Ungariei şi Institutul Balassi, 2015-2016.
4) Studierea problemelor de echilibru vectorial, Inst. Programelor de Cercetare Sapientia, 2011-2013, director.
5) Bursă pentru tineri cadre didactice, Ministerul Resurselor Umane al Ungariei şi Institutul Balassi, 2012-2013.
6) Probleme de echilibru parametrice cu operatori, Eurotrans, novembrie 2009.
7) Structura haotică a capturii gravitaţionale slabă, Inst. Programelor de Cercetare Sapientia, 2008-2009, membru.
8) Culegere de probleme din cercetare operaţională şi din teoria deciziilor, Asociaţia Bölöni Farkas Sándor, 2008-2009.
9) Metode de optimizare în geometria continuă, aplicaţii în fizică şi chimie, Inst. Programelor de Cercetare Sapientia, 2006-2008, membru.
10) Probleme de echilibru parametrice, Eurotrans, mai, iunie, novembrie 2008.
11) Inegalităţi variaţionale, Domus Hungarica Scientiarium et Artium, mai 2007.
12) Studiul unor probleme eliptice cu ajutorul teoriei punctelor critice, CNCSIS, 2006, 2007, membru.
13) Geometrie diferenţială asistată de algebră şi grafică computaţională, Inst. Programelor de Cercetare Sapientia, 2004-2005, membru.
14) Vizualizarea obiectelor matematice prin grafică computaţională, Inst. Programelor de Cercetare Sapientia, 2002-2004, membru.

J. Citări

1) Makó Zoltán, Szenkovits Ferenc, **Salamon Júlia**, Oláh-Gál Róbert, Stable and unstable orbits around Mercury, *Celestial Mechanics and Dynamical Astronomy*, nr. 108, 2010, pp. 357-370

    1.1 Mestre M.F., Cincotta P.M., Giordano C.M., Analytical relation between two chaos indicators: FLI and MEGNO, *Monthly Notices of the Royal Astronomical Society Letters*, nr. 414, 2011, 100-103 (ISI)

    1.2 Hadjidemetriou J.D., Voyatiz G., The 1/1 resonance in extrasolar systems: Migration for planetary to satellite orbits. *Celestial Mechanics and Dynamical Astronomy*, 111, 2011, 179-199 (ISI)

    1.3 Sousa Silva P., Terra M., Applicability and dynamical characterization of the associated sets of the algorithmic weak stability boundary in the lunar sphere of influence, *Celestial Mechanics and Dynamical Astronomy*, 113, 2012, 141-168 (ISI)

    1.4 Sousa Silva P., Terra M., Diversity and validity of stable-unstable transitions in the algorithmic weak stability boundary, *Celestial Mechanics and Dynamical Astronomy*, 113, 2012, 453-478 (ISI)

1.5 Vetrisano M., Van der Weg W., Vasile M., Navigating to the Moon along low-energy transfers, *Celestial Mechanics and Dynamical Astronomy*, 114, 2012, 25-53 (ISI)

1.6 Ma X., Li J., Distant quasi-periodic orbits around Mercury, *Astrophysics and Space Science*, 343, 2013, 83-93 (ISI)

1.7 Hyeraci N., Topputo F., The role of true anomaly in ballistic capture, *Celestial Mechanics and Dynamical Astronomy*, 116, 2013, 175-193 (ISI)

1.8 Willem Johan van der Weg, Massimiliano Vasile, Contingency and Recovery Options for the European Student Moon, *Acta Astronautica*, 94, 2014, 168-183 (ISI)

1.9 Luo Z.-F., Topputo F., Bernelli-Zazzera F., Tang G.-J., Constructing ballistic capture orbits in the real Solar System model, *Celestial Mechanics and Dynamical Astronomy*, 120, 2014, 433-450 (ISI)

1.10 Jian Li, Yi-Sui Sun, A survey of weak stability boundaries in the Sun-Mars system, *Research in Astronomy and Astrophysics*, 15, 2015, 376–392 (ISI)

1.11 Topputo F., Belbruno E., Earth–Mars transfers with ballistic capture, *Celestial Mechanics and Dynamical Astronomy*, 121, 2015, 329-346 (ISI)

1.12 Luo Z.F., Topputo F., Analysis of Ballistic Capture in Sun–Planet Models, *Advances in Space Research* 56, 2015, 1030-1041 (ISI)

1.13 S Gong, J Li, Analytical criteria of Hill stability in the elliptic restricted three body problem, *Astrophysics and Space Science*, 358:37, 2015 (ISI)

1.14 Luo Z.F., Topputo F., Bernelli F., Tang G.J., The role of dynamical models in ballistic capture: The perturbed Sun-Planet case, *Advances in the astronautical sciences*, 153 (2015) 493-512 (DB Scopus)

1.15 G. Rollin, J. Lages, D.L. Shepelyansky, Fractal structures for the Jacobi Hamiltonian of restricted three-body problem, *New Astronomy*, nr. 47, 2016, pp. 97-104 (ISI)

1.16 K. Oshima, F. Topputo, S. Campagnola, T. Yanao, Medium-energy, retrograde, ballistic transfer to the Moon, *Spaceflight Mecanics* 2016, PTS I-IV 158 , pp.745-763 (ISI prodeedings)

1.17 DA Dei Tos, RP Russell, F Topputo, Survey of Mars ballistic capture trajectories using periodic orbits, *Spaceflight Mecanics* 2017, PTS I - IV 160 , pp.1625-1644 (ISI prodeedings)

1.18 H. Peng, X. Bai, S. Xu, Continuation of periodic orbits in the Sun-Mercury elliptic restricted three-body problem, *Commun Nonlinear Sci Numer Simulat*, 47 (2017) 1–15 (ISI)

1.19 K. Oshima, F. Topputo, S. Campagnola, T. Yanao, Analysis of medium-energy transfers to the Moon, *Celestial Mechanics and Dynamical Astronomy*, 127, 2017, 285-300 (ISI)

1.20 Luo Z.F., Topputo F., Capability of satellite-aided ballistic capture, *Commun Nonlinear Sci Numer Simulat*, 48 (2017) 211–223 (ISI)

1.21 DA Dei Tos, RP. Russell, F Topputo, Survey of Mars Ballistic Capture Trajectories Using Periodic Orbits, *Advances in the Astronautical Sciences* At: San Antonio, TX, Volume: 160, (2017) pp. 1593—1612 (DB Scopus)

1.22 DA Dei Tos, RP Russell, F Topputo, Survey of Mars Ballistic Capture Trajectories Using Periodic Orbits as Generating Mechanisms, *Journal of Guidance, Control, and Dynamics*, 41(6), 2018, pp. 1227-1242 (ISI)

1.23 Luo Z.F., Zhang Y.D., Capacity of ballistic capture/escape in Earth-Moon and Pluto-Charon models, *Forth IAA Conference on Dynamics and Control of Space Systems* 2018, PTS I-III 165 , pp.1171-1186 (ISI prodeedings)

1.24 Diogene Alessandro Dei Tos, Trajectory optimization of limited control authority spacecraft in high-fidelity models 2018, Thesis, DOI: 10.13140/RG.2.2.15099.00804

1.25 Kenta Oshima, Eccentric excursions from periodic orbits in the elliptic restricted three-body problem, AAS 20-446, 2020, Conference Paper

1.26 Li Xiangyu, Qiao Dong, Cheng Yu, Progress of three-body orbital dynamics study, *Chinese Journal of Theoretical and Applied Mechanics*, 2021, 53(5): 1223-1245. doi: 10.6052/0459-1879-20-367 (DB Scopus)

1.27 Matteo Manzi, Francesco Topputo, A flow-informed strategy for ballistic capture orbit generation, *Celestial Mechanics and Dynamical Astronomy*, 133 (2021) 54. (ISI)

2) **Salamon Júlia**, Bogdan Marcel, Closedness of the solution map for parametric weak vector equilibrium problems, *Journal of Mathematical Analysis and Applications* nr. 364, 2010, pp. 483-491

2.1 Song QQ, Wang LS, The existence of solutions for the system of vector quasi-equilibrium problems in topological order spaces, *Computers & Mathematics with Applications*, 62, 2011, 1979-1983 (ISI)

2.2 Song QQ, The existence and stability of solutions for vector quasiequilibrium problems in topological order spaces, *Journal of Applied Mathematics*, 2013, ArticleID 218402, 6 pages (ISI)

2.3 Qamrul Hasan Ansari, Elisabeth Köbis, Jen-Chih Yao, *Vector Equilibrium Problems*, in Vector Variational Inequalities and Vector Optimization, Springer, Cham, (2018) pp 339-427 ISBN 978-3-319-63048-9 (Springer Book Series, BD)

3) **Salamon Júlia,** Closedness and Hadamard well-posedness of the solution map for parametric vector equilibrium problems, *Journal of Global Optimization*, nr. 47, 2010, pp 173-183

3.1 Capătă A., Optimality conditions for extended Ky Fan inequality with cone and affine constraints and their applications, *Journal of Optimization Theory and Applications*, 152, 2012, 661-674 (ISI)

3.2 Bogdan M., Applications of parametric abstract equilibrium problems in economics, *Procedia Economics and Finance*, 3, 2012, 99 – 104 (ISI proceedings)

3.3 Chen J.W., Wan Z, Cho Y.J., The existence of solutions and well-posedness for bilevel mixed equilibrium problems in Banach spaces, *Taiwanese Journal of Mathematics*, 17, 2013, 725-748 (ISI)

3.4 Capătă A., Optimality conditions for vector equilibrium problems and their applications, *Journal of industrial and management optimization* 3, 2013, 657-667 (ISI)

3.5 Zeng J., Li X.B., Guo X.L., Hadamard type well-posedness for a vector equilibrium problem with set-valued mappings, *Pacific Journal of Optimization*, 9, 2013, 613-620 (ISI)

3.6 Bogdan M., Parametric vector optimization, *Optimization*, 63, 2014, 15-20 (ISI)

3.7 Peng D.T., Yu J., Xiu N.H., The uniqueness and well-posedness of vector equilibrium problems with a representation theorem for the solution set, *Fixed Point Theory and Applications*, 2014, 2014:115 (ISI)

3.8 Li X.B., Agarwal R., Cho Y.J., Huang N.J., The well-posedness for a system of generalized quasi-variational inclusion problems, *Journal of Inequalities and Applications* 2014, 2014:321 (ISI)

3.9 Zhang W.B., Huang N.J., O'Regan D., Generalized well-posedness for symmetric vector quasi-equilibrium problems, *Journal of Applied Mathematics*, 2015 Article ID 108357 (ISI)

3.10 A. Hashoosh, M. Alimohammady, On well-posedness of generalized equilibrium problems involving\ alpha-monotone bifunction, *Journal of Hyperstructures*, 5(2) (2016), (BD Mathscinet, DOAJ, Zentralblatt)

3.11 D. Xicai, X. Shuwen, Bounded rationality and well posedness of set valued vector quasi-variational inequalities (in Chinese), J. Sys. Sci. & Math. Scis. 36(10) (2016), 1730-1742 (BD)

3.12 A. Hashoosh, M. Alimohammady, A. Almusawi, Well-posedness Techniques in the Qualitative Analysis for a class of Equilibrium problems, *Journal of Zankoy Sulaimani*, 19 (1) (2017) 211-220 DOI: 10.17656/jzs.10598

3.13 M. Darabi, J. Zafarani, Hadamard well-posedness for vector parametric equilibrium problems, *J. Nonlinear Var. Anal*. 1 (2017), No. 2, pp. 281-295 (ISI)

3.14 Qamrul Hasan Ansari, Elisabeth Köbis, Jen-Chih Yao, Vector Equilibrium Problems, in Vector Variational Inequalities and Vector Optimization, Springer, Cham, (2018) pp 339-427 ISBN 9783319-63048-9 (Springer Book Series, BD)

3.15 A. Hashoosh, H. Aal-Rkhais, E. A. Huzam, Well-posedness for class of hemi-equilibrium problems with perturbations in Banach Spaces, *Journal of Advanced Research in Dynamical and Control Systems* 10(11)(2018) 478-487 (BD)

3.16 Jaber. A.M., Abed B.N., New results of well-posedness for hemi-equilibrium problems, *V. International Scientific Congress of Pure, Applied and Technological Sciences*, Rimar Academy Publishing House, pp. 98-117, 2022, DOI:10.47832/MinarCongress5-10

4) Makó Zoltán, **Salamon Júlia**, *Banded approximation with diffusion-neural-network*, 7th International Conference on Applied Informatics Eger, Hungary, B.V.B. Nyomda és Kiadó Kft., vol 2, 2007, pp. 93-101. (Zentralblatt, Zbl 1178.68442)

4.1 Jude Ezeobiejesi, Bir Bhanu, Latent Fingerprint Image Segmentation Using Deep Neural Network, In book: Deep Learning for Biometrics, Editors: Bhanu Bir, Kumar Ajay (2017) pp. 83-107, Ed. Springer, DOI: 10.1007/978-3-319-61657-5_4

4.2 Chongfu Huang, Statistical Significance of Typhoon Risk and Calculation of the Risk per Year, 7th Annual Meeting of Risk Analysis Council of China Association for Disaster Prevention (RAC-2016), 2016, DOI: 10.2991/rac-16.2016.1 (proceedings)

4.3 Chongfu Huang, Two judging criteria to check validity of a model for filling gaps caused by incomplete geospatial data, Environmental Research, 186(1):109401 (2020) DOI: 10.1016/j.envres.2020.109401 (ISI)

5) **Salamon Júlia,** On operator equilibrium problems, *Math. Commun.*, nr. 19, 2014, pp. 581-587 ISSN: 1331-0623

   5.1 T. Ram, AK. Khanna, On Generalized Weak Operator Quasi Equilibrium Problems, *Global Journal of Pure and Applied Mathematics*, nr 13, Number 8 (2017), pp. 4189-4198, ISSN 0973-1768 (BD Mathematical Reviews, MathSciNet, Zentralblatt MATH and EBSCO)

   5.2 Tirth Ram, Anu Kumari Khanna, Ravdeep Kour, Setvalued Mixed Quasi-Equilibrium Problems with Operator Solutions, *Nonlinear Functional Analysis and Applications*, nr. 27, 2022, pp. 83-97 (BD MathSciNet, Zentralblatt MATH and Scopus)

6) **Salamon Júlia,** Closedness of the solution map for parametric vector equilibrium problems, *Studia Univ. "Babes–Bolyai", Mathematica*, vol. LIV, nr. 3, 2009, pp. 137-147 (MathSciNet, MR2563553) ISSN 0252-1938

   6.1 Qamrul Hasan Ansari, Elisabeth Köbis, Jen-Chih Yao, *Vector Equilibrium Problems*, in Vector Variational Inequalities and Vector Optimization, Springer, Cham, (2018) pp 339-427 ISBN 978-3-319-63048-9 (Springer Book Series, BD)

7) **Salamon Júlia,** Closedness of the solution mapping to parametric vector equilibrium problems, *Acta Univ. Sapientiae, Mathematica*, nr. 1, 2009, pp. 193-200 (Zentralblatt, Zbl 1177.49044; MathSciNet, MR2521189) ISSN 1844-6094

   7.1 Qamrul Hasan Ansari, Elisabeth Köbis, Jen-Chih Yao, *Vector Equilibrium Problems*, in Vector Variational Inequalities and Vector Optimization, Springer, Cham, (2018) pp 339-427 ISBN 978-3-319-63048-9 (Springer Book Series, BD)

8) Makó Zoltán, **Salamon Júlia**, Correlated equilibrium of games in fuzzy environment, *Fuzzy Sets and Systems*, nr. 398, 2020, pp. 112-127 ISSN: 0165-0114

   8.1 Hitoshi Yano, Ichiro Nishizaki, Interactive Decision Making for Multiobjective Bimatrix Games with Fuzzy Payoffs Based on Possibility Measure, 19th World Congress of the International Fuzzy Systems Association (IFSA), 12th Conference of the European Society for Fuzzy Logic and Technology (EUSFLAT), and 11th International Summer School on Aggregation Operators (AGOP) *Atlantis Studies in Uncertainty Modelling*, 2021, DOI: 10.2991/asum.k.210827.044 (BD)

   8.2 Hitoshi Yano, Fuzzy Random Bimatrix Games Based on Possibility and Necessity Measures, *Journal of Advanced Computational Intelligence and Intelligent Informatics*, nr. 25(6), 2021, pp. 1024-1030 (ISI, Scopus)

   8.3 Hitoshi Yano, Multiobjective Fuzzy Random Bimatrix Games and An Equilibrium Solution Concept, Proceedings of the International MultiConference of Engineers and Computer Scientists 2021 IMECS 2021, October 20-22, 2021, Hong Kong, *Lecture Notes in Engineering and Computer Science* (DB)

   8.4 Hitoshi Yano, Ichiro Nishizaki, Multiobjective Bimatrix Game with Fuzzy Payoffs and Its Solution Method using Necessity Measure and Weighted Tchebycheff Norm, *Proceedings of the 13th International Joint Conference on Computational Intelligence* (IJCCI 2021),2021, pp. 159-166, DOI: 10.5220/0010630700003063

   8.5 Hitoshi Yano, Ichiro Nishizaki, Bimatrix Games with Fuzzy Payoffs and an Equilibrium Solution Concept Based on Possibility Measure, *Proceedings of 37th Fuzzy System Symposium*, nr. 37, J-STAGE

8.6 Hitoshi Yano, Interactive Decision Making for Multiobjective Fuzzy Random Bimatrix Games, *IAENG International Journal of Applied Mathematics*, nr. 52(2) 2022 IJAM_52_2_11, 7 pg. (DB Scopus, MathSciNet, Zentralblatt MATH)

8.7 Hitoshi Yano, Ichiro Nishizaki, Bimatrix Games with Fuzzy Payoffs and an Equilibrium Solution Concept Based on Possibility Measure, *Journal of Japan Society for Fuzzy Theory and Intelligent Informatics* nr. 34(4) 2022 pg. 723-727

8.8 Hitoshi Yano, Multiobjective Fuzzy Random Bimatrix Games Based on Possibility/Necessity Measure, *International Journal of Japan Association for Management Systems*, 14(1) 2022, pp. 87-98 J-STAGE

8.9 Jiu-ying Dong, Shu-ping Wan, Type-2 interval-valued intuitionstic fuzzy matrix game and application to energy vehicle industry development, *Expert Systems with Applications*, 2024 (ISI)

8.10 Chen Yang , Yingqi Zhao , Boyuan Xue , Shaojie Wang , Haijia Su, PYF: a multi-functional algorithm for predicting production and optimizing metabolic engineering strategy in Escherichia coli microbial consortia *Briefings in Bioinformatics* 26(3), 2025, bbaf295 (ISI)

8.11 Yang, J., Wang, H., & Lai, L. (2025). A comprehensive entropy measure of probabilistic hesitant fuzzy information and its application in game decision making. *Journal of the Operational Research Society*, 77, 2026, pp. 2141-2158. https://doi.org/10.1080/01605682.2025.2540486 (ISI)

8.12 Farida Achemine, Moussa Larbani, Bimatrix Games Under Uncertainty: A Survey, în *Emerging Trends in Decision Support: Methodology, Algorithms and Applications*, Ed. Springer Nature, 2025, pg 15-41.

9) **Salamon Júlia**, Makó Zoltán, Döntéselmélet közgazdászoknak (Teoria deciziilor pentru economiști), Editura Scientia, Cluj Napoca, 2020, ISBN 9789731970455, 237 pg.

9.1 Molnár, Gy. (2025) Szabadság, függőség, biztonság. *Socio.hu Társadalom-tudományi Szemle*, 15(3), 33–46. (DB, CEEOL, CrossRef)

K. Participări la conferinţe naţionale şi internaţionale

1) Salamon Júlia, Searching for correlated equilibriums in interval valued games, 17th Annual International Conference on Economics and Business, Miercurea Ciuc, mai 21-23, 2025.
2) Salamon Júlia, Korrelált egyensúlyok intervallumos játékokban, 15. Matematika és Informatika Alkalmazásokkal Konferencia, Miercurea Ciuc, 15-17 noiembrie 2024.
3) Salamon Júlia, Strong correlated equilibriums in interval valued games, 16th Annual International Conference on Economics and Business, Miercurea Ciuc, mai 10-12, 2023.
4) Salamon Júlia, Correlated equilibrium notions of interval valued bimatrix games, 8th International Conference on Mathematics and Informatics, Târgu-Mureş, 9-10 septembrie 2021.
5) Salamon Júlia, Strong correlated equilibriums, 15th Annual International Conference on Economics and Business, Miercurea Ciuc, martie 3-5, 2021.
6) Salamon Júlia, Strong equilibriums of interval valued bimatrix games, The 14th International Conference on Game Theory and Management, St. Petersburg, Rusia, 5-9 octombrie, 2020.

7) Salamon Júlia, Determination of correlated equilibria using SimplexV4, 17th International conference on Efficiency and Responsibility in Education, Prague, Czech Republic, 4-5 iunie 2020.
8) Salamon Júlia, Correlated equilibriums of the games in fuzzy environment, 7th International Conference on Mathematics and Informatics, Târgu-Mureş 2-4 septembrie 2019.
9) Salamon Júlia, Correlated equilibrium of interval-valued games, 14th Annual International Conference on Economics and Business, Miercurea Ciuc, mai 10-12, 2018.
10) Salamon Júlia, Correlated equilibrium of interval-valued matrix games, 6th International Conference on Mathematics and Informatics, Târgu-Mureş 7-9 septembrie 2017.
11) Salamon Júlia, On correlated equilibrium problem, 13th Annual International Conference on Economics and Business, Miercurea Ciuc, October 20-22, 2016.
12) Salamon Júlia, Existence and stability of solutions for strong operator equilibrium problem, International Conference Natura Econ 4: Environmental Dynamics under the Impact of Economic Trends, Sfântu Gheorghe, 7 martie 2014.
13) Salamon Júlia, On operator equilibrium problems, 8th Conference on Applied Mathematics and Scientific Computing, Šibenik, Croația, 10-14 iunie, 2013.
14) Salamon Júlia, Operátor egyensúlyi feladatok, Conferinţa Matinfo, Târgu-Mureş, 25-26 mai 2013.
15) Salamon Júlia, Erős operátor egyensúlyi feladatok, A magyar tudomány napja Erdélyben: 3. Matematika és informatika alkalmazásokkal konferencia, Cluj Napoca, 9-11 nov. 2012
16) Salamon Júlia, Closedness of the solutin map for parametric operator equilibrium problems, 9th Joint Conference on Mathematics and Computer Science, Siófok, February 9-12, 2012.
17) Salamon Júlia, Some regularities for parametric operator equilibrium problems, The 13th International Conference on Applied Mathematics and Computer Science, Cluj-Napoca, August 26-28, 2010.
18) Salamon Júlia, Closedness of the solution map for parametric operator equilibrium problems, "Alexandru Myller" Mathematical Seminar Centennial Conference, Iaşi June 21-26, 2010.
19) Salamon Júlia, Paraméteres vektor egyensúlyi feladatok, Conferinţa Matinfo, Târgu-Mureş, 8 iunie 2009.
20) Salamon Júlia, Some regularities for parametric vector equilibrium problems, The 12th International Conference on Applied Mathematics and Computer Science, Baișoara, September 10-13, 2008.
21) Salamon Júlia, Closedness of the solution map for parametric vector equilibrium problems, 7th Joint Conference on Mathematics and Computer Science, Cluj Napoca, July 3-6, 2008.
22) Salamon Júlia, Sobolev tereken értelmezett energia funkcionálok érzékenység vizsgálata, Miniconferinta de matematică şi informatică, Târgu-Mureş, 18 iunie 2007
23) Salamon Júlia, Sensitivity analysis of the energy functional on Sobolev space, 7th International Conference on Applied Informatics Eger, Hungary, January 28 - 31, 2007
24) Salamon Júlia, A debreceni „Teaching Mathematics and Computer Science” c. folyóirat emblémájáról, Vályi Gyula Emlékkonferencia, Cluj Napoca, 12-13 nov. 2004

25) Salamon Júlia, Conformal application with computer graphics in simply connected regions, 6th International Conference on Applied Informatics Eger, Hungary, January 27 - 31, 2004.

L. Alte realizări semnificative

Referent la urmatoarele reviste de specialitate:

1) Applied Mathematics Letters (IF)
2) Iranian Journal of Fuzzy Systems (IF)
3) Acta Univ. Sapientiae, Mathematica (IF)
4) Fuzzy Sets and Systems (IF)

Organizarea unor conferinţe și concursuri:

1) Membru în comisia centrală a "Olimpiadei de Matematică pentru Gimnaziile Maghiare din Europa" desfășurată la Liceul Teoretic Bolyai Farkas din Târgu Mureș, în perioada 01-04 mai 2025.

2) Membru în colectivul de organizare al conferinței "15. Matematika és Informatika Alkalmazásokkal Konferencia, " (15-a conferință de matematică și informatică cu aplicații), Miercurea Ciuc, 15-17 noiembrie 2024.

3) Membru în colectivul de organizare a concursului „Saπ tehetségnap", Miercurea Ciuc, 15 ianuarie 2011, 21 ianuarie 2012, 19 ianuarie 2013, 18 ianuarie 2014, 30 ianuarie 2016, 14 ianuarie 2017 respectiv 19 ianuarie 2019.
4) Membru în colectivul de organizare al conferinței "VI Matematika és Informatika Alkalmazásokkal Konferencia" (VI-a conferință de matematică și informatică cu aplicații), Miercurea Ciuc, 13-15 noiembrie 2015.
5) Membru în colectivul de organizare al conferinţei "EME 150 éves", Miercurea Ciuc, 6-7 noiembrie 2009.

6) Membru în colectivul de organizare al conferinţei omagiale Bolyai Farkas, Miercurea Ciuc, 25-26 noiembrie 2006.

7) Membru în colectivul de organizare al conferinţei internaţională: "Probleme actuale în mecanică cerească si astronomie dinamică" ("Actual Problems in Celestial Mechanics and Dynamical Astronomy"), Cluj-Napoca, 25-27 mai 2006;

8) Membru în colectivul de organizare a Simpozionului stiinţific cu participare internaţională: Haos în sisteme dinamice, Universitatea Sapientia, Miercurea-Ciuc, 3–5 martie 2005;

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