Academia de Studii Economice din Bucureşti
Facultatea de Cibernetică, Statistică şi Informatică Economică
Departamentul de Matematici Aplicate

RAPORT DE CERCETARE

Perioada: 1.01.2008 – 31.12.2012

1. LUCRĂRI PUBLICATE

1.1. Articole publicate în reviste străine cotate ISI

1. **Alexandru Agapie**, Th. Aus der Fuenten, (2008) *Stationary distribution for a majority voter model*, Stochastic Models, Taylor and Francis, 24, 4, 503-512, ISSN 1532-6349
2. **Alexandru Agapie**, (2010) *Simple form of the stationary distribution for 3d cellular automata in a special case*, Physica A (Statistical Mechanics and its Applications), Elsevier, 389, 13, 2495-2499, ISSN 0378-4371.
3. **Alexandru Agapie**, (2010) *Estimation of distribution algorithms on non-separable problems*, International Journal of Computer Mathematics, Taylor & Francis, 87, 3, 491-508, ISSN 0020-7160.
4. **Alexandru Agapie**, R. Hons, Ad. Agapie, (2010) *Limit behavior of the exponential voter model*, Mathematical Social Sciences, Elsevier, 59, 3, 271-281, ISSN 0165-4896.
5. **Luiza Bădin,** Leopold Simar, (2009) *A bias-corrected nonparametric envelopment estimator of frontiers*, Econometric Theory, 25, 5, 1289-1318, Cambridge University Press, ISSN 0266-4666.
6. **Luiza Bădin**, Cinzia Daraio, Leopold Simar, (2010) *Optimal bandwidth selection for conditional efficiency measures: a data-driven approach*, European Journal of Operational Research, 201, 2, 633-640, ISSN 0377-2217.
7. **Luiza Bădin**, Cinzia Daraio, Leopold Simar, (2012) *How to measure the impact of environmental factors in a nonparametric production model*, European Journal of Operational Research, 223, 3, 818-833, ISSN 0377-2217.

8. **Gabriela Beganu,** (2009) *Some properties of the best linear unbiased estimators in multivariate growth curve models,* Revista de la Royal Academia de Ciencias Exactas, Fisicas y Naturales, Serie A. Mat., 103(1), pp. 161-166, ISSN 1578-7303.
9. **Gabriela Beganu,** (2011) *On the existence of the Gauss-Markov estimators in linear mixed models,* Revista Matematica Complutense, 23(1), DOI: 10.1007/s 13163-009-0024-9, ISSN1139-1138.
10. **Cristinca Fulga**, Preda, V., (2009) *Nonlinear programming with E-preinvex and local E-preinvex functions*, European Journal of Operational Research, Vol. 192 (3), pp. 737-743, ISSN 0377-2217.
11. Tudor Sireteanu, **Marius Giuclea**, Ana Maria Mitu, (2010) *Identification of an extended Bouc-Wen model with application to seismic protection through hysteretic devices*, Computational Mechanics, 45, 5, 431-441, ISSN 0178–7675.
12. T. Sireteanu, **M. Giuclea**, A. M. Mitu, Gheorghe Ghiţă, (2012) *A Genetic Algorithms Method for Fitting the Generalized Bouc-Wen Model to Experimental Asymmetric Hysteretic Loops*, Journal of Vibration and Acoustics, vol. 134, nr. 4, August 2012, pg. 041007-1 - 041007-10, ISSN 0739-3717.
13. **Bogdan Iftimie**, E. Pardoux, A. Piatniski, (2008) *Homogenization of a singular random one dimensional PDE*, 36 pagini, Annales de l'Institut Henri Poincare, Serie Probabilites-Statistiques, Nr. 3, Vol. 44, 519-543, ISSN 0246-0203.
14. Anton Ştefãnescu, **Maria Viorica Ştefănescu**, (2012) *On semi-infinite minmax programming with generalized invexity,* Optimization, Vol. 61 Issue: 11, 1307-1319**,** ISSN 0233-1934.
15. Anton Ștefanescu, Massimiliano Ferrara, **Maria Viorica Ștefanescu**, (2012) *Equilibria of the Games in Choice Form*, Journal of Optimization Theory and Applications, Vol. 155, 3, 1060-1072 DOI: 10.1007/s10957-012-0093-7.
16. **Aida Toma**, (2008) *Minimum Hellinger distance estimators for multivariate distributions from the Johnson system*, Journal of Statistical Planning and Inference, 138, 3, 803-816, ISSN 0378-3758
17. **Aida Toma**, (2009) *Optimal robust M-estimators using divergences*, Statistics & Probability Letters, 79, 1, 1-5, ISSN 0167-7152.
18. **Aida Toma**, Samuela Leoni-Aubin, (2010) *Robust tests based on dual divergence estimators and saddlepoint approximations*, Journal of Multivariate Analysis, 101, 5, 1143-1155, ISSN 0047-259X
19. **Aida Toma**, Michel Broniatowski, (2011) *Dual divergence estimators and tests: robustness results*, Journal of Multivariate Analysis, 102, 1, 20-36.
20. Michel Broniatowski, **Aida Toma**, Igor Vajda, (2012) *Decomposable pseudodistances and applications in statistical estimation*, Journal of Statistical Planning and Inference, 142, 2574-2585, ISSN 0378-3758
21. **Maria Tudor**, (2009) *Multiple fractional integrals through Gamma-mixed Ornstein-Uhlenbeck process*, Publicationes Mathematicae Debrecen, vol.75, no. 3-4, 327-338, ISSN 0033-3883.
22. **Maria Tudor**, C. Tudor, (2009) *On double Stratonovich fractional integrals and some strong and weak approximations*, Stochastic Anal. Appl., 27, 297-316, ISSN 0736-2994.
23. Sorin Dăscălescu, Constantin Năstăsescu, **Ana Tudorache**, (2011) *A note on Regular Objects in Grothendieck Categories*, Arabian Journal for Science and Engineering, 36, 6, 2011, pp. 957-962, ISSN 1319-8025.

1.2. Articole publicate în reviste româneşti cotate ISI cu factor de impact

1. **Virginia Atanasiu**, (2009) *Techniques for estimating the premiums for the risks of the insurance companies in Romania*, Metalurgia Internaţional vol.XIV 7, 61-66, ISSN 1582-2214
2. **Virginia Atanasiu**, (2009) *The calculations of the credibility in the hierarchical model with two-levels*, Metalurgia Internaţional vol. XIV, no.4 special issue, 118-123, ISSN 1582-2214.
3. **Virginia Atanasiu**, (2009) *Useful applications of the credibility theory*, Metalurgia Internaţional vol. XIV, no.4 special issue, 22-28, ISSN 1582-2214.
4. **Virginia Atanasiu**, Gheorghe Lepadatu, (2009) *An example of the credibility results for the Esscher premium and the actuarial accounting*, Metalurgia Internaţional, vol. XIV, no. 15 special issue, 141-148, ISSN 1582-2214.
5. **Virginia Atanasiu**, (2009) *Insurance problems obtained using the credibility theory*, Metalurgia Internaţional vol. XIV, no. 13 special issue, 15-22, ISSN 1582-2214.
6. **Virginia Atanasiu**, (2009) *Credibility calculations for the franchise deductible policy in practical insurance business: global results and results per sector, individual results-per policy-*, Metalurgia Internaţional, vol. XIV, no. 12 special issue, 9-13, ISSN 1582-2214.
7. Vasile Preda, **Roxana Ciumara**, (2008) *On insurer portfolio optimization. Un underwriting risk model*, Romanian Journal of Economic Forecasting, 9, 1, 102-118.
8. **Silvia Dedu, Roxana Ciumara**, (2010) *Restricted optimal retention in stop-loss reinsurance under VAR and CTE risk measures*, Proceedings of Romanian Academy, series A, 11, 3, 213-217.
9. **Silvia Dedu,** (2012) *Optimization of some risk measures in stop-loss reinsurance with multiple retention levels*, Mathematical Reports, 14, 2, 131-139, ISSN 1582-3067
10. **Silvia Dedu, Cristinca Fulga**, (2011) *Value-at-Risk estimation comparative approach with applications to optimization problems,* Economic Computation and Economic Cybernetics Studies and Research, 45, 1, 127-142, ISSN 0424-267X.
11. **Ciprian Popescu, Cristinca Fulga**, (2011) *Possibilistic Optimization with Application to Portfolio Selection,* Proceedings of Romanian Academy - Series A: Mathematics, Physics, Technical Science, Information Science, 12, 2, 88-94.
12. Tudor Sireteanu, **Marius Giuclea**, Ana Maria Mitu, (2009) *An analytical approach for approximation of experimental hysteretic loops by Bouc-Wen model*, Proceedings of the Romanian Academy, Series A, 10, 1, 43-54, ISSN 1454-9069
13. T. Sireteanu, **Marius Giuclea**, O. Solomon, (2011) *Analytical methods to assess linear models for experimental hysteretic loops*, Proceedings of the Romanian Academy, Series A, vol. 12, nr. 1, pg. 39-46, ISSN 1454-9069.
14. **Cristina Pripoae**, Gabriel Pripoae (2009) *Free fall motion in an invariant field of forces: the 2D-case,* Balkan J. Geom. Appl., vol. 14, no.1, 72-83, ISSN 1224-2780
15. **Ciprian Popescu,** (2011) *Mathematical programming for optimal decision making*, Economic Computation and Economic Cybernetics Studies and Research, Vol. 45, No. 3/2011, ISSN 0424-267X, pag. 189-198.
16. **Florentin Serban, Maria Viorica Ștefanescu, Massimiliano Ferrara,** (2011) *Portfolio Optimization and Building of its Efficient Frontier*, Economic Computation and Economic Cybenetics Studies and Research, 2/2011, pp. 125-137, 2011, ISSN: 0424 - 267X

17. Surcel Cristian, Mirvald Cristian, Savu Carmen, **Maria Viorica Ștefanescu**, (2012) *Data Analysis With Application In Medicine*, ECONOMIC COMPUTATION AND ECONOMIC CYBERNETICS STUDIES AND RESEARCH, 46, 2, pp. 79-90.
18. **Aida Toma**, (2012) Robust estimations for financial returns: an approach based on pseudodistance minimization, *Economic Computation and Economic Cybernetic Studies and Research*, 46, 1, 117-131.

1.3. Articole publicate în reviste româneşti cotate ISI fără factor de impact

1. **Virginia Atanasiu**, Constanţa-Nicoleta Bodea (2009) *Applications of the hierarchical structure with two and three levels*, Economic Computation and Economic Cybernetics Studies and Research, Vol. 43, No. 3, 57-68, ISSN 0424-267X.
2. **Virginia Atanasiu**, (2010) *Applications of the regression credibility theory*, articol recenzat, acceptat şi în curs de publicare la Revista Economic Computation and Economic Cybernetics Studies and Research.
3. **Virginia Atanasiu**, (2010) *Credibility formulas allowing effects like inflation*, Revista Scientific Bulletin, Series A, Applied Mathematics and Physics, nr. 1/ 2010, 127-138**,** ISSN 1223-7027.
4. **Virginia Atanasiu**, (2011) *Applications aiming Bühlmann's credibility model*, Revista Scientific Bulletin, Series A, Applied Mathematics and Physics, Vol. 73., Iss. 2, pp. 51-64, ISSN 1223-7027.
5. **Sorin Baz,** Dragomira Baz, (2010) *Sequential Probability Ratio Test for the Generalized Normal Distribution*, Economic Computation and Economic Cybernetics Studies and Research, 44, 177-184, ISSN 0424-267X.
6. Adriana Agapie, **Luiza Bădin**, (2009) *Confidence intervals for the guesstimation algorithm: a bootstrap approach*, Economic Computation and Economic Cybernetics Studies and Research, 43, 3, 167-178, ISSN-0424-267X.
7. **Ion Purcaru**, **Gabriela Beganu,** Alexandru F., Verboncu I., (2009) *Independence and diversity measures for a joint ecosystem with applications in the systems management*, Economic Computation and Economic Cybernetics Studies and Research, 43 (1), pp.91-100, ISSN-0424-267X.
8. **Maria Viorica Ştefănescu**, Massimiliano Ferrara, **Silvia Dedu**, (2008) *Algorithms for Hierarchical Classification with Applications in Portfolio Management*, Economic Computation and Economic Cybernetics Studies and Research, 42, 3-4, 109-122, ISSN 0424-267X.
9. **Cristinca Fulga**, **Silvia Dedu, Florentin Șerban**, (2009) *Portfolio Optimization with Prior Stock Selection*, Economic Computation and Economic Cybernetics Studies and Research, 43, 4, 157-171, ISSN 0424-267X.
10. **Cristinca Fulga, Florentin Şerban**, (2008) *Multi-item Inventory Model with Constant Rate of Deterioration and Safety Stock*, Economic Computation and Economic Cybernetics Studies and Research, Vol. 42, Nr. 3-4, 2008, pp. 157-170, ISSN 0424-267X.
11. **Marius Giuclea**, **Ciprian Popescu**, (2009) *On statistical pattern with fuzzy data*, Journal of Economic Computation And Economic Cybernetics Studies And Research, 43, 4, 187-198, ISSN 1842–3264.

12. **Bogdan Iftimie**, C. Vârsan, (2008) *Evolution systems of Cauchy-Kowalewska and parabolic type with stochastic perturbations*, Mathematical Reports 10 (60), Nr. 3, ISSN 0039-4068.
13. **Bogdan Iftimie**, **Marinela Marinescu**, Ionel Molnar, (2010) *Gradient representation for cad-lag solutions of SDEs with jumps*, Mathematical Reports, Vol. 12 (62), Nr. 3, ISSN 0039-4068.
14. **Liana Maria Manu Iosifescu,** (2010) *A new proof of the result of P.Szusz in the metrical theory of continued fractions*, Mathematical Reports,Vol.12(62).No.4.,339-350
15. **Iulian Mircea,** Mihaela Covrig, Dan Cechin-Crista, (2009) *Some approximations used in the risk process of insurance company,* Economic Computation and Economic Cybernetics Studies and Research, 43, no. 2, 129-141, ISSN 0424-267X.
16. **Ciprian Popescu,** (2008) *On fuzzy least squares*, Mathematical Reports, 10, No. 2, 197-203, ISSN 1582-3067.
17. **Ciprian Popescu,** (2009) *A clustering model with Rényi entropy regularization*, Mathematical Reports, 11, No. 1, 59-66, ISSN 1582-3067.
18. **Ion Purcaru,** Verboncu Ion, (2008) *On some generalizations of the Guiasu diversity index with applications in diversity management problems,* Economic Computation and Economic Cybernetics Studies and Research 1-2, 13-22, ISSN 0424-267X.
19. **Ion Purcaru,** (2009) *Diversificare optimă în probleme de alocare* (*Optimal Diversification in Allocation Problems*), Amfiteatru Economic 26, 494-502, ISSN 1582-9146**.**
20. **Ion Purcaru,** Verboncu Ion, (2010) *Considerations on the Information and Diversity Measures*, Economic Computation and Economic Cybernetics Studies and Research 2, 5-18, ISSN 0424-267X.
21. **Maria Viorica Ştefănescu**, **Florentin Şerban,** M. Busu, M.Ferrara, (2010) *Portfolio Optimization using Classification and Functional Data Analysis Techniques*, Economic Computation and Economic Cybernetics Studies and Research, no. 3, vol. 44, ISSN : 0424-267X.
22. Luminiţa State, Cătălina Cocianu, Vlamos Panayiotis, **Maria Viorica Ştefănescu,** (2008) *A New Unsupervised Learning Scheme to Classify Data of Relative Small Volume,* Economic Computation and Economic Cybernetics Studies and Research, vol. 42, No. 1-2, 2008, pag. 109-120, ISSN 0242-267X.
23. Ionel Sinescu, Călin Chibelean, Cristian Surcel, **Maria Viorica Ştefănescu**, Massimiliano Ferrara, (2009) *Principal Component Analysis and Classification with application in medicine,* Economic Computation and Economic Cybernetics Studies and Research, vol. 43, No. 4, 57-72, ISSN0242-267X.
24. **Aida Toma**, (2010) *Robust tests based on density power divergence estimators and saddlepoint approximations,* Mathematical Reports, 12(62), 4, 383-392, ISSN 1582-3067.

1.4. Articole publicate în reviste indexate în baze de date internaţionale

1. **Virginia Atanasiu**, (2008) *Optimal approximating function*, Rev. Differential Geometry-Dynamical Systems (DGDS), volume 10, pp. 13-20, ISSN 1454-511X. Revistă este indexată BDI, în Mathematical Reviews şi Zentralblatt MATH.

2. **Virginia Atanasiu**, (2008) *Contributions to the credibility theory*, Applied Sciences (APPS), 10, Electronic Edition-PDF files, pp. 19-28, ISSN 1454-5101, Revistă indexată în Mathematical Reviews şi Zentralblatt MATH.
3. **Virginia Atanasiu,** (2008) *Mathematical models in regression credibility theory***,** Buletinul Academiei de Ştiinţe a Republicii Moldova, Matematica, Number 3 (58), 18-33, ISSN 1024-7696. Jurnal indexat în Mathematical Reviews, Zentralblatt MATH şi în Russian RZh Matematika.
4. **Virginia Atanasiu**, (2009) *More general credibility models*, Mathematica Bohemica, Vol. 134, No. 1, 39-47, ISSN 0862-7959. Revistă indexată BDI, Zentralblatt MATH.
5. **Virginia Atanasiu**, (2009) *Some extensions of the Bühlmann-Straub credibility formulae*, Buletinul Academiei de Ştiinţe a Republicii Moldova, Matematica, Number 3(61), 3-12, ISSN 1024-7696. Jurnal indexat în Mathematical Reviews, Zentralblatt MATH şi în Russian RZh Matematika.
6. **Virginia Atanasiu**, Gheorghe V. Lepădatu, (2010) *Modelul ierarhic cu 2 nivele al lui Jewell*, Revista Română de Statistică Nr. 3/2010-Supliment, pp. 187-197, ISSN 1018-046x.
7. **Virginia Atanasiu**, (2010) *Credibilitatea, teorie şi aplicaţie*, Studii şi Cercetări de Calcul Economic şi Cibernetică Economică, 1-2/2010, Vol. 44, pp. 125-139, ISSN 0585-7511.
8. **Virginia Atanasiu**, (2011) *O aplicaţie a modelului de recursivitate a credibilităţii*, Studii şi Cercetări de Calcul Economic şi Cibernetică Economică, Vol. 45, pg. 47-58, ISSN 0585-7511.
9. **Virginia Atanasiu**, (2011) *Primele de credibilitate dintr–un model ierarhic cu două nivele*, Studii şi Cercetări de Calcul Economic şi Cibernetică Economică, Vol. 45, pg. 125-138, ISSN 0585-7511.
10. **Virginia Atanasiu**, Gheorghe V. Lepădatu, Dominic Perez Danielescu, (2012) *Estimarea recursivă a credibilităţii pentru calculul primelor nete de risc ale contractelor diverselor portofolii de asigurări non-viaţă*, Revista Română de Statistică Nr. 2012 / Trim. I-Supliment, Romanian Statistical Review-, pp. 266-275, ISSN 1018-046x.
11. **Virginia Atanasiu**, Gheorghe V. Lepădatu, Iacob Emanuel Baciu, (2012) *Estimatorii liniari şi omogeni de credibilitate din modelul ierarhic al lui Jewell, utile în asigurările non-viaţă şi în contabilitatea actuarială*, Revista Română de Statistică Nr. 2012 / Trim. I-Supliment-, Romanian Statistical Review, pp. 250-259, ISSN 1018-046x.
12. **Virginia Atanasiu**, Gheorghe V. Lepădatu, Iacob Emanuel Baciu, Dominic Perez Danielescu, (2012) *Rezultate din teoria regresiei utile pentru asigurările non-viaţă şi pentru contabilitatea actuarială*, Revista Română de Statistică Nr. 2012 / Trim. I-Supliment-, Romanian Statistical Review, pp. 236-243, ISSN 1018-046x.
13. **Virginia Atanasiu**, Gheorghe V. Lepădatu, Mihaela Daniela Vladu, (2012) *Primele de credibilitate la nivelul sectorului şi a contractului pentru modelul ierarhic cu 2 nivele a lui Jewell*, Revista Română de Statistică Nr. 2012 / Trim. I-Supliment-, Romanian Statistical Review-, pp. **205-217**, ISSN 1018-046x
14. **Virginia Atanasiu**, Gheorghe V. Lepădatu, Mihaela Daniela Vladu, (2012) *The Utility of the Credibility Theory*, Revista Română de Statistică Nr. 2012 / Trim. I-Supliment-, Romanian Statistical Review-Supliment, pp**.** 15-21, ISSN 1018-046x.
15. **Sorin Baz,** (2009) *Analiza omogenităţii datelor multivariate de tip categorial cu aplicaţii în analiza discriminantă,* Studii şi Cercetări de Calcul Economic și Cibernetică Economică, vol.43, nr.1-2, 125-137, ISSN 0585-7511

16. **Sorin Baz**, Dragomira Baz, (2010) *Asupra unei metode de control statistic al calităţii pentru mai multe caracteristici*, Studii şi Cercetări de Calcul Economic şi Cibernetică Economică, vol.44, nr.3-4/2010, pp. 113-119, ISSN 0585-7511
17. **Sorin Baz,** Ion Schileru, (2010) *Inferenţe statistice asupra penalizărilor defectelor unor produse,* Studii şi Cercetări de Calcul Economic şi Cibernetică Economică, vol.44, nr.1-2/2010, pp. 117-123, ISSN 0585-7511
18. **Sorin Baz,** (2011) *On a MCMC Procedure for Simulating Entries in a Contingency Table,* Analele Universităţii Bucureşti, Informatică, vol LX, 2011, pp.33-45, ISSN 1224-7170
19. **Gabriela Beganu, Ion Purcaru,** (2008) *Estimation in a family of linear mixed models,* Revue Roumaine de Mathematiques Pures et Appliquees, Vol.53(2-3), pp. 125-130, ISSN 0035-3965. (recenzat: MR 2450365 (2009h:62080), STMAZ 05509973)
20. **Gabriela Beganu,** (2011) *Optimal estimable parametric functions in a multivariate mixed linear model*, Advances and Applications in Statistics, Vol.21, No. 1, pp. 77-83, 2011, ISSN 0972-3617.
21. **Cristinca Fulga, Silvia Dedu,** (2009) *Modeling Risk with VaR and CVaR Risk Measures with Applications in Portfolio Management*, Studii şi Cercetări de Calcul Economic şi Cibernetică Economică, 43, 1-2, 99-112, ISSN 0585-7511.
22. **Maria Viorica Ştefănescu**, Niculae Mihăiţă, **Florentin Şerban**, **Silvia Dedu,** (2009) *Algoritmi de optimizare în management utilizând tehnici de clasificare,* Studii şi Cercetări de Calcul Economic şi Cibernetică Economică, 43, 3-4, 81-90, ISSN 0585-7511.
23. **Maria Viorica Ştefănescu, Florentin Şerban, Silvia Dedu,** (2010) *The link between Medicine and Mathematics: Data Analysis*, Studii şi Cercetări de Calcul Economic şi Cibernetică Economică, 44, 1-2, 47-58, ISSN 0585-7511.
24. **Florentin Şerban, Silvia Dedu,** (2011) *Optimizarea in functie de risc a unui portofoliu,* Economie Teoretică şi Aplicată. Supliment, 694 – 701, ISSN 1841-8678
25. **Florentin Şerban, Maria Viorica Ştefănescu, Silvia Dedu,** (2011) *The Relationship Profitability - Risk for an Optimal Portfolio Building with Two Risky Assets and a Risk-Free Asset,* International Journal of Applied Mathematics and Informatics, 5, 4, 299 – 306, ISSN 2074-1278
26. **Florentin Şerban**, Mihail Buşu, **Ana Tudorache**, (2012) *Building an Optimal Portfolio Using Fundamental Analysis of Stocks,* Ovidius University Annals, Economic Sciences Series, XII, 1, 2012, pp. 1672-1677, ISSN 1582-9383
27. Adina Florenţa Giuclea, **Ciprian Popescu**, **Marius Giuclea**, (2008) *Metrics on entities spaces*, Journal of Applied Quantitative Methods, 3, 1, 3-8, ISSN 1842-4562.
28. **Marius Giuclea, Ciprian Popescu**, Adina Florenţa Giuclea, S. Supian, (2008) *Optimizare cu numere fuzzy trapezoidale*, Revista Studii şi Cercetări de Calcul Economic şi Cibernetică Economică, 3, 45-56, ISSN 0585-7511.
29. **Marius Giuclea**, Tudor Sireteanu, Ana Maria Mitu, (2009) *Use of genetic algorithms for fitting the Bouc-Wen model to experimental hysteretic curves*, Revue Roumaine des Sciences Technique, Série Mécanique Appliquée, 54, 1, 3-10, ISSN 0035-4074.
30. **Marius Giuclea, Ciprian Popescu**, (2009) *A mathematical deterministic approach in modeling national economic evolution*, Journal of Applied Quantitative Methods, 4, 3, 332-343, ISSN 1842-4562.
31. Tudor Sireteanu, **Marius Giuclea**, Ovidiu Solomon, (2010) *On the linearization of experimental hysteretic loops,* Revue Roumaine des Sciences Technique, Série Mécanique Appliquée, 55, 1, 63-71, ISSN 0035-4074.

32. A. M. Mitu, T. Sireteanu, **M. Giuclea**, V. Serban, V. Lascu, (2011) *Experimental and theoretical analysis of novel telescopic devices for earthquake protection*, Revue Roumaine des Sciences Technique, Série Mécanique Appliquée, Bucureşti, vol. 56, nr. 1, ISSN 0035-4074.
33. M. Nastase, **M. Giuclea**, O. Bold, (2012) *The Impact of Change Management in Organizations – a Survey of Methods and Techniques for a Successful Change*, Revista de Management Comparat International/Review of International Comparative Management, Vol. 13, Issue 1, ISSN 1582-3458.
34. **Bogdan Iftimie**, I. Molnar, C. Vârsan, (2008) *Solutions of some elliptic equations associated with a piecewise continuous process*, Revue Roumaine de Mathematiques Pures et Appliquees (revista indexată în Mathematical Reviews Database şi Zentralblatt Math) 53, 4, ISSN 0035-3965.
35. **Bogdan Iftimie**, **Marinela Marinescu**, (2009) *A construction of admissible strategies for American Options associated with piecewise continuous processes*, Studia Universitatis Babeş-Bolyai Mathematica (revistă indexată în bazele de date internaţionale Mathematical Reviews Database şi Zentralblatt Math) 2, Vol. LIV, 53-64, ISSN 0252-1938.
36. **Daniela Ijacu**, (2008) *Exemple of differential games with stochastic perturbation associated with Nash equilibrum solutions and open loop strategies,* Romai Journal, vol4, 3 pg., ISSN 1841-5512
37. **Iulian Mircea, Radu Şerban**, Mihaela Covrig, (2009) *Risk process estimation techniques used in the optimization of financial resources of an insurance company*, International Journal of Computational Economics and Econometrics, 1, 2, 225-237, ISSN 1757-1170 (Print); ISSN 1757-1189 (Online).
38. **Iulian Mircea,** Radu R. Şerban (2010) *Heuristic and optimum solutions in allocation problems,* Journal of Information Systems & Operations Management, 4, 2, 126-136, ISSN 1843-4711.
39. Mihaela Covrig, **Iulian Mircea**, **Ovidiu Vegheş, Radu Şerban**, (2011) *Some applications of sums of random variables in non-life insurance,* International Journal of Mathematics and Statistics, 8, S11, 25-34, ISSN 0974-7117 (Print); ISSN 0973-8347 (Online).
40. **Iulian Mircea**, Radu Șerban, Mihaela Covrig, (2012) *On survival and ruin probabilities in a perturbed risk model*, ROMAI Journal, vol 8, nr 2, 2012, pp.153-166, ISSN: 1841-5512
41. **Iulian Mircea**, (2011) *Mathematical Models for the Longevity Risk in the Annuity Market,* Timisoara Journal of Economics, vol. 4, no. 16/2011, p.205-210, ISSN 1842-7340 (Print); ISSN 1844-7139 (Online), ISSN-L: 2248-0927.
42. **Ciprian Popescu,** (2008) *On regression model with fuzzy variables*, Analele Universităţii Bucureşti, seria matematică, Nr. 1, 47-52, ISSN 1010-5433.
43. **Ciprian Popescu,** (2011) *Utilizarea regresiei LQD pentru obţinerea unei prognoze robuste privind consumul de oţel în România,* Studii şi Cercetări de Calcul Economic şi Cibernetică Economică, Nr.1-2/2011, Vol. 45, 109-116, ISSN 0585-7511
44. **Ion Purcaru,** (2008) *Diversitate ponderată Guiaşu şi distribuţii optime de probabilitate cu aplicaţii în economie,* Studii şi Cercetări de Calcul Economic şi Cibernetică Economică, 1, 19-36.
45. **Ion Purcaru,** (2008) *Anton Davidoglu-50 de ani de la moarte,* Studii şi Cercetări de Calcul Economic şi Cibernetică Economică, 2, 167-172, ISSN 0585-7511.
46. Verboncu Ion, **Ion Purcaru,** (2009) *A managerial modernization model in crisis conditions,* Management & Marketing Vol.4, No.3, 65-76.

47. **Ion Purcaru,** Verboncu Ion, (2010) *Diversificare ponderată în operaţiuni financiare,* Studii şi Cercetări de Calcul Economic şi Cibernetică Economică, 1-2, 5-18, ISSN 0585-7511.
48. **Ion Purcaru,** (2010) *Unele conexiuni entropice între distribuţii probabiliste,* Studii şi Cercetări de Calcul Economic şi Cibernetică Economică, 3-4, 49-54, ISSN 0585-7511.
49. **Florentin Șerban,** (2011) *Frontiera rentabilitatii unui portofoliu format din 2 actiuni,* Studii si Cercetari de Calcul Economic si Cibenetica Economica, 3-4/2011, pp.59-69, 2011, ISSN: 0585-7511
50. **Florentin Șerban,** Mihail Busu, (2011) *Building an optimal portfolio consisting of two assets and its efficient frontier,* Timisoara Journal of Economics, issue 4(16), pp. 231-238, 2011, ISSN: 1842- 7340
51. **Șerban Florentin,** Busu Mihail**,** (2011) *A relationship between the degree of search and evolution of a financial asset,* Ovidius University Annals, Economic Sciences Series, XI, 1, 2011, pp. 2052-2056, ISSN 1582-9383
52. **Florentin Șerban,** (2011) Metode de evaluare a unei actiuni, Studii si Cercetari de Calcul Economic si Cibenetica Economica, 1-2/2011, pp. 117-125, 2011, ISSN: 0585
53. **Florentin Serban, Maria Viorica Stefanescu,** (2012) *A Portfolio Optimization Approach Based On Data Analysis,* Journal of Comunication and Computer, 8, 2, David Publishing, USA, pp. 137-141, 2012, ISSN 1548-7709
54. Massimiliano Ferrara, **Maria Viorica Ştefănescu**, (2008) *Optimality conditions and duality in multiobjective programming with (Φ,ρ) invexity,* Yugoslav Journal of Operations Research, vol.18, Number 2, 153-165, ISSN0354-0243, Lucrare recenzată în Mathematical Reviews: MR2485778
55. **Aida Toma**, (2009) *Integral representation for powers of elements in locally m-convex algebras and applications*, Rendiconti del Circolo Matematico di Palermo, 58, 29-40, Springer-Verlag, ISSN 0009-725X.
56. Dan Armeanu, Sorin Cioaca, **Ana Tudorache**, Ana Maria Burca, (2012) *Financial Crisis Impact on the Development of the Romanian Capital Market,* Internal Auditing and Risk Management, 25, 1, 54-62, ISSN 2065-8168.

1.5. Articole publicate în volumele unor conferinţe

1. **Virginia Atanasiu**, (2008) *The exact Esscher credibility premium*, comunicare susţinută la: 4th International Scientific Conference ECO-TREND 2007, Economics and Globalization, 23-24 November, 2007, Târgu-Jiu, România; articolul in extenso este publicat în Analele Universităţii „Constantin Brâncuşi", din Târgu-Jiu, Nr. 1/2008, Volumul IV, la pag. 260-268, cu ISSN 1842-4856. (Analele Universităţii „Constantin Brâncuşi", Târgu-Jiu, Nr. 1/2008)
2. **Virginia Atanasiu**, (2008) *Credibility for loaded premiums*, comunicare susţinută la: 4th International Scientific Conference ECO-TREND 2007, Economics and Globalization, 23-24 November, 2007, Târgu-Jiu, România; articolul in extenso este publicat în Analele Universităţii „Constantin Brâncuşi", din Târgu-Jiu, Nr. 1/2008, Volumul IV, la pag. 130-140, cu ISSN 1842-4856. (Analele Universităţii „Constantin Brâncuşi", Târgu-Jiu, Nr. 1/2008)

3. **Virginia Atanasiu**, Constanţa Nicoleta-Bodea, (2009) *Ex post and ex ante impact analysis of research programmes using CMMI framework*, publicat în KNOWLEDGE MANAGEMENT: PROJECTS, SYSTEMS AND TECHNOLOGIES, Proceedings of the 4th International Conference on Knowledge Management: Projects, Systems and Technologies KM-04, 2009, November 6^{th}-7^{th} 2009, BUCHAREST, ROMANIA, la pag. 173-177, cu ISBN volum 978-973-663-784-4. Articol are indexarea RePEc - Research Papers in Economics.
4. **Virginia Atanasiu**, (2010) *Numerical evaluation of loaded credibility*, Proceedings of the 5th International Conference on Knowledge Management: Projects, Systems and Technologies, Bucharest, November 12 – 13, articol având indexarea RePEc, ISBN volum 978-973-663-784-4
5. **Virginia Atanasiu,** (2010) *Mathematical methods in the credibility theory*, comunicare susţinută la 5^{th} International Conference On Applied Statistics, Edition dedicated to World Statistics Day, organized by the National Institute of Statistics and Academy of Economics Studies, în Romania, Bucharest, November 19 – 20, 2010, şi publicată pe CD - ul, ISSN 2069 – 2498.
6. **Virginia Atanasiu**, (2011) *Effective actuarial methods*, Proceedings of the 6th International Conference on Knowledge Management: Projects, Systems and Technologies, Bucharest, 27-28 Octombrie 2011**,** 39 – 44. ISSN 2069 – 1769.
7. **Luiza Bădin,** (2009) *Nonparametric efficiency analysis: recent developments*, Proceedings of the 6*th* Congress of Romanian Mathematicians, Vol 1: Scientific Contributions, 433-438, Editura Academiei Române, ISBN 978-973-27-1781-3/v.1.
8. **Luiza Bădin**, Cinzia Daraio, Leopold Simar, *Bias Correction for Nonparametric Conditional Efficiency Estimators*, 14th Applied Stochastic models and Data Analysis, ASMDA 2011 Roma, 101-108, ISBN 97888467-3045-9.
9. Vasile Preda, **Silvia Dedu, Roxana Ciumara,** (2010) *Restricted Optimal Retention in Stop-Loss Reinsurance under VaR Risk Measure*, WSEAS Conferences, May 3-6, 2010, Tunisia.
10. **Roxana Ciumara,** Vasile Preda, (2009) *The Weibull-Logarithmic Distribution in lifetime analysis and its properties*, The XIII International Conference "Applied Stochastic Models and Data Analysis" ASMDA 2009, Vilnius Lithuania, June 30- July 3 (ISI).
11. Vasile Preda, **Silvia Dedu**, **Roxana Ciumara**, (2009) *An Unified Approach for Optimal Retention in a Stop-Loss Reinsurance under the VaR and CTE Risk Measures*, The XIII International Conference "Applied Stochastic Models and Data Analysis" - ASMDA 2009 – Vilnius Lithuania, June 30- July 3 (ISI).
12. **Roxana Ciumara**, Vasile Preda, (2008) *Applications of some new inequalities for moments of order statistics and L-moments*, EurOPT 2008 "Continuous Optimization and Knowledge Based Technology" Conference, Neringa, Lithuania, 20-23 May (ISI).
13. **Roxana Ciumara,** Vasile Preda, (2008) *On bounds for ratios of posterior expectations under asymmetric loss functions*, Proceedings of the 79th Annual Meeting of the International Association of Applied Mathematics and Mechanics (GAMM), Bremen, G ermany, 31 March – 4 April.
14. **Cristinca Fulga**, **Silvia Dedu,** (2009) *A Comparative Approach in Risk Management using VaR and CVaR Risk Measures,* Proceedings of the Fourth International Conference on Economic Cybernetic Analysis 2009, 715-724, ISBN 978-606-505-219-2.

15. **Cristinca Fulga**, **Silvia Dedu,** (2010) *A New Approach in Multi-Objective Portfolio Optimization Using Value-at-Risk Based Risk Measure*, Proceedings of the International Conference on Information and Financial Engineering ICIFE 2010, 765-769, ISBN 978-1-4244-6927-7.
16. **Cristinca Fulga**, **Silvia Dedu,** (2012) *Mean-Risk Portfolio Optimization with Prior PCA Stock Selection*, Proceedings of the International Workshop Stochastic Programming for Implementation and Advanced Applications STOPROG 2012, Eds. Leonidas Sakalauskas, Asgeir Tomasgard, Stein W. Wallace, ISBN: 978-609-95241-4-6, Publ. The Association of Lithuanian Serials Vilnius: Technika, DOI: 10.5200/stoprog.2012.07, 37-42.
17. **Maria Viorica Ştefănescu, Silvia Dedu, Florentin Şerban,** *Portfolio Selection Techniques using Data Analysis*, Proceedings of the 17th International Economic Conference The Economic World's Destiny: Crisis and Globalization, 697-703, 2010, ISBN 978-973-739-987-8.
18. **Florentin Şerban, Maria Viorica Stefănescu, Silvia Dedu,** (2011) *Building a portfolio that characterize Bucharest Stock Exchange,* Crises after the crisis. Inquiries from a national, European and global perspective IECS 2011, ISBN: 978-606-12-0139-6, The 18th International conference Crises after the crisis. Inquiries from a national, european and global perspective IECS 2011
19. **Florentin Şerban, Maria Viorica Ștefănescu, Silvia Dedu**, (2011) *The Efficient Fontier for a Portfolio that Includes One Risk-Free Asset,* Recent Researches in Applied Mathematics, Simulation and Modelling, pp. 91-95, ISSN 1792-4332, ISBN 978-1-61804-016-9, The 5th WSEAS International Conference on Applied Mathematics, Simulation, Modelling ASM '11
20. **Florentin Şerban, Maria Viorica Ștefănescu, Silvia Dedu**, (2011) *Building an optimal portfolio using a Mean-VaR framework,* Mathematical Methods and Techniques in Engineering and Environmental Science, ISBN 978-1-61804-046-6, The 13th International Conference on Mathematical and Computational Methods in Science and Engineering.
21. **Florentin Şerban, Maria Viorica Ștefănescu, Silvia Dedu**, (2012) *Algorithm in three stages for portfolio optimization - Application in case of Italian Stock market,* Proceedings of The 19th International Economic Conference – IECS 2012, ISBN 978-606-12-0323-9, The 19th International Economic Conference – IECS 2012
22. **Cristinca Fulga, Silvia Dedu**, (2012) *Mean-Risk portfolio optimization with prior PCA-based stock selection,* Stochastic Programming for Implementation and Advanced Applications, ISBN 978-609-95241-4-6, The International Workshop Stochastic Programming for Implementation and Advanced Applications.
23. **Maria Tudor, Silvia Dedu,** (2012) *A new risk management model using quantile-based risk measure, with applications to non-normal distributions,* Recent Researches in Applied Information Science, ISBN 978-1-61804-089-3, The 5th World Congress on Applied Computing Conference.
24. **Cristinca Fulga**, (2011) *Mean-Risk Portfolio Optimization with AHP-based Stock Ranking,* Proceedings of the International Symposium on the Analitic Hierarchy Process ISAHP 2011, pp. 60-62, Editors: F. De Felice, E. Esposito, A. Petrillo, T.L. Saaty, Sorrento, Italy, June 15-18, 2011, ISSN: 1556-8296, ISBN: 978-88-906 147-0-5.
25. **Florentin Şerban, Maria Viorica Ştefănescu**, **Silvia Dedu,** (2010) *Portfolio Selection Techniques using Data Analysis,* Proceedings of the 17th International Economic

Conference The Economic World's Destiny: Chrisis and Globalization 2010, ISBN 978-973-739-987-8.

26. **Maria Viorica Ştefănescu, Florentin Şerban, Silvia Dedu,** (2010) *Portfolio Optimization using Data Analysis Techniques*, Proceedings of the 12th WSEAS International Conference on Mathematical Methods, Computational Techniques 2010, 146-151, ISBN 978-960-474-188-5.
27. **Cristinca Fulga**, Pop, B., (2008) *Single Period Portfolio Optimization with Fuzzy Transaction Costs*, Proceedings of EURO Conference Continuous Optimization and Knowledge-Based Technologies EurOPT 2008, pp. 125-131, ISBN: 978-9955-28-283-9, indexat BDI.
28. Fulga, F., **Cristinca Fulga**, Nicolau, D. V., (2008) *Multiobjective Optimization Approach for Model Parameter Extraction in Gliding Motility Assays*, Proceedings of The 5th European Congress on Computational Methods în Applied Sciences and Engineering ECCOMAS indexat BDI.
29. **Cristinca Fulga**, (2008) *Decomposition Technique for Multiple Criteria Problems*, Proceedings of the 9th Asia Pacific Industrial Engineering & Management Systems Conference APIEMS 2008, pp. 1101-1107, ISBN: 978-979-18925-0-6, indexat BDI.
30. **Cristinca Fulga**, (2009) *Dynamic Model for Portfolio Optimization*, The International MultiConference of Engineering and Computer Sciences 2009 - International Conference on Operations Research ICOR 2009, Lecture Notes în Engineering and Computer Science, Eds.: S. I. Ao, O. Castillo, C. Douglas, D. Dagan Feng, J.-A Lee, Publ.: Newswood Ltd. I.A.Eng., Vol. 2, pp. 2081-2086, ISBN: 978-988-17012-7-5, indexat BDI: IEEE Xplore, Conference Proceedings Citation Index- Science.
31. **Cristinca Fulga**, (2009) *Dynamic Portfolio Optimization for Utility-Based Models*, Proceedings of The 2009 International Conference on Information and Financial Engineering ICIFE 2009, pp. 117-121, ISBN-13: 978-0-7695-3606-4, indexat BDI: Conference Proceedings Citation Index- Science.
32. **Cristinca Fulga**, (2009) *Multistage Portfolio Optimization*, Proceedings of the XIII International Conference on Applied Stochastic Models and Data Analysis ASMDA 2009, Vilnius, Lituania, pp. 497-502, Eds.: Leonidas Sakalauskas, Christos Skiadas, Edmundas K. Zavadskas, Vilnius Gediminas Technical University Press, ISBN: 978-9955-28-463-5, indexat BDI: Conference Proceedings Citation Index - Science.
33. **Cristinca Fulga**, (2009) *Stochastic Models for Portfolio Management with Minimum Transaction Lots*, Proceedings of the International Conference on Economic Cybernetic Analysis: Global Crisis Effects on Developing Economies, Vol. 1, pp. 631-6372, Editura ASE, ISBN: 978-606-505-219-2.
34. Tudor Sireteanu, Ovidiu Solomon, **Marius Giuclea**, (2008) *On the response of systems with degrading hysteretic characteristics*, CD rom Proceedings of the Twelfth Conference on Nonlinear Vibration, Dynamics, and Multibody Systems, Blacksburg, VA.
35. Tudor Sireteanu, **Marius Giuclea**, Viorel Serban, Ana Maria Mitu, (2008) *On the fitting of experimental hysteretic loops by Bouc-Wen model*, Proceedings of the Annual Symposium of the Institute of Solid Mechanics (SISOM' 2008), 6 pg., ISBN 978-973-713-212-3.
36. Tudor Sireteanu, **Marius Giuclea**, Gheorghe Ghiţă, Ana Maria Mitu, Iuliana Popescu, (2009) *Virtual assessment of the efficiency of seismic protection systems*, Proceedings of The 3rd International Conference on "Computational Mechanics and Virtual Engineering**,** COMEC 2009, Braşov, 6 pg., ISBN 978-973-598-572-1.

37. **Daniela Ijacu**, Rodica Tomescu, (2009) *About some Markov chain of a special type, induced by random systems with complete connections*, Analele Universitatii Hyperion, ISSN 1842-919X.
38. **Daniela Ijacu,** (2012) *A differential game with stochastic perturbation associated with non adapted solutions*, Proceeding of 6 -th global conference on power, control and optimization – ISBN 978-983-4483-49
39. Mihaela Covrig, **Iulian Mircea**, **Ovidiu Vegheş, Radu Şerban,** (2008) *Some applications of sums of random variables in non-life insurance*, Proceedings of the International Conference 1^{st} Hispano-Moroccan Days on Applied Mathematics and Statistics – HMAMS", editura Universidad Rey Juan Carlos, Madrid, Spain, p.341-346, ISBN 978-84-691-7936-9.
40. **Iulian Mircea**, Mihaela Covrig, **Radu Şerban**, (2008) *An analysis of some risk processes in the actuarial domain*, Proceedings of the International Conference 1^{st} Hispano-Moroccan Days on Applied Mathematics and Statistics – HMAMS", editura Universidad Rey Juan Carlos, Madrid, Spain, p.347-352, ISBN 978-84-691-7936-9.
41. **Iulian Mircea**, Mihaela Covrig, (2008) *Mathematical modeling of the capital development of an insurance company*, The 7^{th} International Symposium "ECONOMY & BUSINESS. Economic Development and Growth", organised by Bulgarian Academy of Sciences, 3-7 September 2008, Burgas, Bulgaria, Journal International Scientific Publications, www.science-journals.eu, vol.2, p.899-910, ISSN 1313-2555.
42. **Iulian Mircea**, Paul Tănăsescu, (2008) *An analysis of equity in insurance. The mathematical approach of risk of ruin for insurers*, International Scientific Conference "EUROPEAN INTEGRATION – NEW CHALLENGES FOR THE ROMANIAN ECONOMY", 4^{th} edition, organised under the patronage of the "Jean Monnet" – European Modules *"European Economic Integration"* and "*International Trade and European Trade Policy*" in collaboration with The Association of Faculties of Economics in Romania (AFER), 30-31 May 2008, Oradea University, Analele Universităţii din Oradea, Tom XVII, vol.III, p.215-219, ISSN 1582 – 5450.
43. Paul Tănăsescu, **Iulian Mircea**, (2008) *The computation of some private pensions*, International Scientific Conference "EUROPEAN INTEGRATION – NEW CHALLENGES FOR THE ROMANIAN ECONOMY", 4^{th} edition, organised under the patronage of the "Jean Monnet" – European Modules *"European Economic Integration"* and "*International Trade and European Trade Policy*" in collaboration with The Association of Faculties of Economics in Romania (AFER), 30-31 May 2008, Oradea University, Analele Universităţii din Oradea, Tom XVII, vol.III, p.600-604, ISSN 1582 – 5450.
44. **Iulian Mircea**, Mihaela Covrig, (2008) *Mathematical models of private pensions for succesors*, în volumul "ECONOMIC GROWTH AND E.U. EXTENSION PROCESS - International Conference, 16-17 mai 2008, Bucharest", Editura ASE, p.285-289, ISBN 978-606-505-065-5.
45. **Iulian Mircea**, **Radu Şerban**, Mihaela Covrig, (2008) *On Some Evaluation Methods of Insurance Premiums for Catastrophic Risks*, Proceedings of the International Conference on Applied Economics (ICOAE 2008), Technological Educational Institute of Western Macedonia Press, 15-17 May 2008, Kastoria, Greece, 639-644, ISBN 978-960-89054-2-9.
46. **Iulian Mircea**, **Radu Şerban**, Mihaela Covrig, (2008) *Risk Process Estimation Techniques Used in the Optimization of Financial Resources of an Insurance Company*, Proceedings of

the International Conference on Applied Economics (ICOAE 2008), Technological Educational Institute of Western Macedonia Press, 15-17 May 2008, Kastoria, Greece, p.645-652, ISBN 978-960-89054-2-9.

47. **Iulian Mircea**, Mihaela Covrig, (2008) *Mathematical models of private pensions for succesors*, în volumul "ECONOMIC GROWTH AND E.U. EXTENSION PROCESS - International Conference, 16-17 mai 2008, Bucharest", Editura ASE, p.285-289, ISBN 978-606-505-065-5.
48. **Radu Şerban,** Daniela Todose, **Iulian Mircea**, (2008) *Linear programming optimal partner selection in a virtual organization*, The 4th International Conference of ASECU - Development: Cooperation and Competitiveness, Academy of Economic Studies, Bucharest, 22-24 May, 2008.
49. **Iulian Mircea**, Mihaela Covrig, Daniela Todose, (2009) *Mathematical models of life annuities for multiple life insurance*, Proceedings of the International Conference on Theory and Applications of Mathematics and Informatics, ICTAMI 3-7 September 2009, Alba Iulia, "1 DECEMBRIE 1918" University of Alba Iulia, ACTA UNIVERSITATIS APULENSIS, SPECIAL ISSUE, p.531-551, ISSN 1582-5329.
50. **Radu Şerban, Iulian Mircea**, Mihaela Covrig, (2009) *Some estimates on the ruin probability in the risk process*, Proceedings of the International Conference on Theory and Applications of Mathematics and Informatics, ICTAMI 3-7 September 2009, Alba Iulia, "1 DECEMBRIE 1918" University of Alba Iulia, ACTA UNIVERSITATIS APULENSIS, SPECIAL ISSUE, p.899-910, ISSN 1582-5329.
51. **Iulian Mircea**, Mihaela Covrig, (2009) *Some methods used in the estimation of the ruin probability*, Proceedings of the 9th Balkan Conference on Operational Research BALCOR 2-6 September 2009, Constanţa, p.318-324, Editors: Vasile Preda & Ion Mierluş-Mazilu, Publisher Eurogema Exim SRL, Bucharest 2009, ISBN 973-86979-9-9
52. **Iulian Mircea**, Mihaela Covrig, **Radu Şerban**, (2009) *On an insurance pricing model for catastrophic risks*, International Conference on Information and Financial Engineering (ICIFE 2009), 17-20 April 2009, Singapore, IACSIT Conference Proceedings, vol.15, p.135-140, IEEE Computer Society Conference Publishing Services, indexat în Thomson ISI Proceeding, EI Compendex, INSPEC, IEEE XploreTM, ISBN: 978-0-7695-3606-4.
53. **Iulian Mircea**, Mihaela Covrig, Daniela Todose, (2010) *Brownian motion for estimating the ruin probability of a risk process*, Proceedings of the International Conference on Applied Economics (ICOAE 2010), Athens, Greece, 26-28 August, 2010, p.529-537, ISSN 1791-9347**,** ISBN 978-960-89054-4-3.
54. **Iulian Mircea**, Mihaela Covrig, Daniela Todose, Radu R. Şerban, (2010) *Aggregate modelling of production planning*, Proceedings of the fifth International on Economic Cybernetic Analysis: Efficiency of Social and Economic Anti-Crisis Policies, MAY, 14-15, 2010, Academy of Economic Studies, Bucharest, Editura ASE, p.388-400, ISBN 978-606-505-333-5.
55. **Iulian Mircea,** Mihaela Covrig, Daniela Todose, Dan Cechin-Crista, (2010) *Methods of approximating the ruin probability*, PROCEEDINGS OF THE FIFTH INTERNATIONAL CONFERENCE ON ECONOMIC CYBERNETIC ANALYSIS: EFFICIENCY OF SOCIAL AND ECONOMIC ANTI-CRISIS POLICIES MAY, 14-15, 2010, Academy of Economic Studies, Bucharest, Editura ASE, p.375-387, ISBN 978-606-505-333-5.
56. **Iulian Mircea**, Mihaela Covrig, **Radu Şerban**, (2010) *Some methods for assessing ruin probability,* Proceedings of the 17th International Economic Conference - IECS 2010 „The

economic world' destiny: crisis and globalization?", „Lucian Blaga" University of Sibiu, The Faculty of Economic Sciences, MAY 13-14, 2010, Sibiu, ISBN 978-973-739-987-8.

57. **Iulian Mircea**, Mihaela Covrig, (2010) *Some methods used in the estimation of the ruin probability*, The 2nd International Conference on Computer Modeling and Simulation (ICCMS 2010), January 22-24, 2010, Sanya, China, *Computer Modeling and Simulation, International Conference on*, vol.4, pp.319-325, ISBN: 978-0-7695-3941-6, IEEE Computer Society Conference Publishing Services, IEEE Xplore, CSDL, indexat de INSPEC, Thomson ISI Proceeding, şi EI Compendex.
58. **Iulian Mircea**, Daniela Todose, **Radu Şerban**, (2010) *Hedging against longevity risk: applications to romanian annuity market and pension schemes*, Proceedings of the 5th International Conference on Applied Statistics, Academia de Studii Economice şi Institutul Naţional de Statistică, Bucureşti, 19-20 Noiembrie 2010, ISSN 2069-2498.
59. **Iulian Mircea,** (2011) *Mathematical Models for the Longevity Risk in the Annuity Market*, 18th International Economic Conference – IECS 2011, „Lucian Blaga" University of Sibiu, The Faculty of Economic Sciences, MAY 19-20, Sibiu, în volumul conferinţei ISBN 978-606-12-0139-6
60. **Iulian Mircea,** (2011) *Mathematical models for the impact of dynamics of mortality on the annuity prize,* Proceedings of The Sixth International Conference on Economic Cybernetic Analysis, MAY 20-21, 2011, Bucharest, Editura ASE, p.261-270, ISSN: 2247-1820, ISSN-L: 2247-1820.
61. **Iulian Mircea,** (2011) *The survival probability in a risk model with dependence between premium rates and claim sizes,* Proceedings of The Sixth International Conference on Economic Cybernetic Analysis, MAY 20-21, Bucharest, Editura ASE, p.252-260, ISSN: 2247-1820, ISSN-L: 2247-1820
62. **Iulian Mircea,** Mihaela Covrig, (2011) *On the Longevity Risk in the Annuity Market: Some Mathematical Models,* International Symposium on Applied Economics, Business and Development (ISAEBD 2011), Dalian, China, August 6-7, 2011, Proceedings, Part IV, pag. 168-175, ISSN 1865-0929, e-ISSN 1865-0937 ISBN 978-3-642-23061-5, e-ISBN 978-3-642-23062-2 DOI 10.1007/978-3-642-23062-2
63. **Iulian Mircea**, Radu Șerban, Mihaela Covrig, (2012) *On survival and ruin probabilities in a perturbed risk model,* The 20th Conference on Applied and Industrial Mathematics – CAIM XX, Chişinău, August 22-25, Communications: p.163, ISBN 978-9975-76-090-4.
64. **Iulian Mircea**, Mihaela Covrig, (2012) *On Longevity Risk Models in the Romanian Annuity Market and Pension Funds,* International Conference Applied Statistics 2012, Program and abstracts, p.10, 58, ISBN 978-961-92487-8-2, ISBN 978-961-92487-9-9
65. Radu Șerban, Covrig Mihaela**, Iulian Mircea,** (2012) *The algorithm of the tangent hiperbola for one dimensional optimization numerical results,* Proceedings of The Seventh International Conference on Economic Cybernetic Analysis: ''THE NEW ECONOMIC CRISIS: EVOLUTION AND RECOVERING WAYS-NEC2012'', OCTOBER 26-27, Bucharest, Editura ASE, p.87-92, ISSN: 2247-1820, ISSN-L: 2247-1820.
66. **Iulian Mircea**, Mihaela Covrig, Șerban Radu, (2012) *The ruin probabilities at discrete-time insurance models*, Proceedings of The Seventh International Conference on Economic Cybernetic Analysis: ''THE NEW ECONOMIC CRISIS: EVOLUTION AND RECOVERING WAYS-NEC2012'', OCTOBER 26-27, Bucharest, Editura ASE, p.134-142, ISSN: 2247-1820, ISSN-L: 2247-1820.

67. A. Iacob, **Ciprian Popescu**, G. Dimian, (2010) *Tracking changes in the regional social-economic activity by a geometric fitting model: the Romanian case*, 5th WSEAS International Conference on Economy and Management Transformation (EMT '10), West University of Timisoara, October 24-26, 2010, publicat în: *Selected topics in Economy & Management Transformation*, WSEAS Press, Vol. I, 428-433, ISSN 1792-5983, ISBN 978-960-474-240-0.
68. Andreea Iluzia Iacob, **Ciprian Popescu**, (2011) *Regression using partially linearized gaussian fuzzy data,* Informatics Engineering and Information Science (Part II) (Eds.: Azizah Abd Manaf, Akram Zeki, Mazdak Zamani, Suriayati Chuprat, Eyas El-Qawasmeh), Communications in Computer and Information Science 252, Springer-Verlag Berlin Heidelberg, ISSN 1865-0929, ISBN 978-3-642-25452-9, pag. 584-595.
69. Andreea Iluzia Iacob, **Ciprian Popescu,** *Application of mathematical programming on the Romanian agro-food economy: cereal price analysis,* 18th International Economic Conference (IECS 2011) "Crises After the Crisis. Inquiries from a National, European and Global Perspective", "Lucian Blaga" University of Sibiu, Faculty of Economic Sciences, Sibiu, Romania, May 19-20, 2011, volumul conferinţei a apărut în format ISBN 978-606-12-0139-6, pag. 181-186.
70. **Cristina Pripoae**, Gabriel Pripoae, (2009) *Geodesible vector fields and adapted invariant Riemannian metrics*, Proc. Balkan Soc. Geom., 16, 139-149.
71. **Cristina Pripoae,** Gabriel Pripoae, (2010) *Invexity versus generalized convexity*,Proc. Balkan Soc. Geom., 18, 86-93.
72. **Cristina Pripoae**, (2011) *A non-holonomic economic model for the "Libyan 2011" oil crisis,* Supl.al Revistei "Acces la Calitate",an 12, nr.121,ISSN 1582-2559, Scientific Workshop "The Economic and Ecological Dimension of Development in the third Millenium",3-th ed.,2011, April 11-th, Bucharest.
73. **Florentin Şerban**, (2010) *Stock Exchange - Economic Barometer?,* The Fifth International Conference on Economic Cybernetic Analysis: Efficiency of Social and Economic Anti-Crisis Policies, Bucharest, May 14-15
74. **Florentin Şerban**, *Credit Crisis of 2008 and its implication,* The Fourth International Conference on Economic Cybernetic Analysis: Global Crisis Effects on Developing Ecoomies, Bucharest, May 22-23.
75. Mihaela Covrig, **Radu Şerban**, Emilia Ţitan, Radu R. Şerban, (2010) *Production planning models for a virtual organizations*, Proceedings of the International Conference on Applied Economics (ICOAE 2010), Athens, Greece, 26-28 August, 2010, p.129-136, ISSN 1791-9347**,** ISBN 978-960-89054-4-3.
76. **Aida Toma**, (2008) *Robust estimations and tests using divergences and duality techniques*, Proceedings of 4th International Conference on Applied Statistics, special number of Romanian Statistical Review, 5 pg.
77. **Aida Toma**, Samuela Leoni-Aubin, (2009) *Robust tests based on divergence optimization*, Proceedings of the 9th Balkan Conference on Operational Research, BALCOR 2009, Editors Vasile Preda, Ion Mierluş-Mazilu, ISBN 973-86979-9-9, Publisher Eurogema Exim SRL, 5 pg.
78. **Aida Toma**, Michel Broniatowski, (2011) *Estimation criteria based on pseudodistance minimization*, Proceedings ASMDA 2011, 1348-1355, ISBN 97888467-3045-9.

79. **Ana Tudorache**, Arina Ureche, George Ureche, (2008) *On some composite Models,* Annals of the University Constantin Brâncuşi of Târgu Jiu, 4, 1, 80-88, Editura Academica Brâncuşi, Târgu Jiu, ISSN 1842-4856.
80. **Ana Tudorache**, Arina Ureche, George Ureche, (2008) *Application of composite models on a study case,* Annals of the University Constantin Brâncuşi of Târgu Jiu, 4, 1, 121-134, Editura Academica Brâncuşi, Târgu Jiu, ISSN 1842-4856.

2. CĂRŢI PUBLICATE

2.1. Cărţi publicate în străinătate

1. Emanuele Guglielmino, Tudor Sireteanu, Charles W. Stammers, Gheorghe Ghiţă, **Marius Giuclea**, (2008) *Semi-active Suspension Control,* Springer Verlag, 294 pg., ISBN 978-1-84800-230-2.

2.2. Cărţi publicate în ţară

1. **Virginia Atanasiu**, (2009) *Contribuţii La Teoria Credibilităţii*, Editura Printech (acreditată CNCSIS), Bucureşti, pg. 293, ISBN 978-606-521-417-0.
2. **Virginia Atanasiu**, (2010) *Matematici Economice. Teorie Şi Aplicaţii*, Editura Printech (acreditată CNCSIS), Bucureşti, pg. 532, ISBN 978-606-521-547-4.
3. **Virginia Atanasiu**, (2010) *Matematici Aplicate În Economie*, Editura Printech, Bucureşti, pg. 172, ISBN 978-606-521-538-2.
4. **Virginia Atanasiu**, (2011) *Algebră Liniară. Teorie şi Aplicaţii*, Editura Printech, pg. 429, ISBN 978-606-521-652-5.
5. **Virginia Atanasiu**, (2011) *Analiză Matematică. Ecuaţii Diferenţiale. Lanţuri Markov. Teorie şi Aplicaţii. Volumul I,* Editura Printech, Bucureşti, pg. 409, ISBN 978-606-521-685-3.
6. **Virginia Atanasiu**, (2011) *Analiză Matematică. Ecuaţii Diferenţiale. Lanţuri Markov. Teorie şi Aplicaţii. Volumul II,* Editura Printech, Bucureşti, pg. 335, ISBN 978-606-521-685-3.
7. **Cristinca Fulga, Silvia Dedu, Ciprian Popescu**, (2011) *Managementul Riscului. Aplicatii în Optimizarea Portofoliilor,* Editura ASE, Bucureşti, ISBN 978-606-505-473-8.
8. Raischi, C., **Bogdan Iftimie, Iulian Mircea, Ovidiu Vegheş,** Covrig, M., **Luiza Bădin**, Giuclea, M., (2010) *Admitere 2010 Teste Grilă şi de Autoevaluare*, Editura Cison Bucureşti, 239 pg, ISBN 978-973-8301-18-4.
9. Cenuşă, Gh., **Bogdan Iftimie**, Raischi, C., **Iulian Mircea**, **Luiza Bădin**, **Ovidiu Vegheş**, **Marius Giuclea**, Covrig, M., (2009) *Admitere 2009 Teste Grilă şi de Autoevaluare,* Editura Cison Bucureşti, 241 pg, ISBN 978-973-8301-18-4.
10. Cenuşă, Gh., Burlacu, V., Raischi, C., **Iulian Mircea**, **Ovidiu Vegheş**, **Bogdan Iftimie**, **Luiza Bădin**, Covrig, M., (2008) *Teste Grilă Pentru Bacalaureat şi Admiterea în Invăţământul Superior Economic*, Editura Plus Bucureşti, 251 pg, ISBN 978-973-88372-I-8.

11. Veronica Burlacu, Gheorghe Cenusa, **Roxana Ciumara**, Mihaela Covrig (2009) *Matematici Actuariale. Teorie si aplicatii practice*, Editura ASE Bucuresti, 233 pg, ISBN 978-606-505-153-9.
12. **Silvia Dedu**, **Florentin Şerban**, (2009) *Matematici aplicate în economie*, Editura Teocora, 287 pg., ISBN 978-973-1934-50-1.
13. **Maria Viorica Ştefănescu, Silvia Dedu, Florentin Şerban, Roxana Ciumara**, (2009) *Matematică teoretică şi aplicată,* Editura Printech, 2009, 405 pg., ISBN 978-606-521-278-7.
14. **Cristinca Fulga, Silvia Dedu, Ciprian Popescu,** (2011) *Managementul riscului. Aplicaţii în optimizarea portofoliilor,* Editura ASE, ISBN 978-606-505-473-8.
15. **Maria Viorica Ştefănescu**, Cătălina Lucia Cocianu, Niculae Mihăiţă, **Silvia Dedu, Florentin Şerban**, (2010) *Analiza datelor şi clasificare, cu aplicaţii în marketing, finanţe şi ştiinţa conducerii*, Editura Printech, Bucureşti, 147 pg., ISBN: 978-606-521-580-1.
16. **Cristinca Fulga**, (2008) *Modele Matematice de Minimizare a Normei*, Editura Universtăţii Bucureşti, 187 pagini, ISBN: 978-973-737-488-2.
17. **Cristinca Fulga**, (2008) *Teoria probabilităţilor – curs introductiv*, Editura ASE, Bucureşti, 242 pagini, ISBN: 978-606-505-117-1.
18. **Cristinca Fulga**, (2010) *Teoria probabilităţilor cu aplicaţii în managementul portofoliilor*, Editura ASE, Bucureşti, 287 pagini, ISBN: 978-606-505-335-9.
19. **Marius Giuclea**, Tudor Sireteanu, Gheorghe Ghiţă, (2008) *Metode de Inteligenţă Computaţională cu Aplicaţii la Sisteme Dinamice*, Editura Bren, 232 pg., ISBN 978-973-648-786-6.
20. **Marius Giuclea**, **Ciprian Popescu**, (2009) *Metode Fundamentale de Matematică cu Aplicaţii în Economie*, Editura ASE, ISBN 978-606-505-270-3.
21. G. Beganu, **M. Giuclea**, (2011) *Elemente fundamentale de matematică aplicată în economie* Editura ASE, ISBN 978-606-505-398-4.
22. **Bogdan Iftimie**, (2008) *Financial Models in Continuous Time*, Editura Matrix Rom, 130 pagini, ISBN 978-973-755-350-8.
23. **Tudor Maria, Sibiceanu Mariana, Iftimie Bogdan, Mircea Iulian,** (2011) *Capitole speciale de procese stocastice, cu aplicaţii,* Editura ASE, Bucureşti, 2011, 455 pg., ISBN 978-606-505-395-3
24. **Radu Şerban** (coord.), **Ovidiu Vegheş**, Silvia Spataru, **Iulian Mircea**, **Marinela Marinescu,** Mihaela Covrig, (2009) *Exercitii Privind Tehnicile Computationale*, Editura ASE, ISBN 978-606-505-208-6.
25. **Maria Tudor**, Mariana Sibiceanu, **Iulian Mircea**, (2009) *Probabilităţi, Statistică şi Aplicaţii*, Editura ASE, Bucureşti, 324 pg., din care 37 pp. (cap.9), ISBN 978-606-505-226-0.
26. **Cristina Liliana Pripoae**, (2008) *Matematici pentru economişti*, Editura ASE, 322 pg., ISBN 978-606-505-064-8.
27. **Ion Purcaru**, (2011) *Introducere în Măsurarea Diversităţii. Teorie şi Aplicaţii.* Editura Economică Bucureşti, 390 pag., ISBN: 973-709-548-0
28. **Ion Purcaru**, (2011) *Matematici Generale şi Elemente de Optimizare.* Editura Economică Bucureşti, Bucuresti, 840 pg., ISBN 973-590-837-9. (Ediţia a III-a).
29. Marin Toma, Mihail Busu**, Florentin Şerban** (2009) *Matematici aplicate in economie. Teorie si aplicatii*, Editura Teocora, nr pagini 175, ISBN :978-973-8832-6-5
30. **Aida Toma**, (2009) *Metode Robuste de Estimare Multidimensională,* Editura MatrixRom, 150 pg., ISBN 978-973-755-469-7.

31. G.Cenuşă, V.Burlacu, M.Covrig, **Bogdan Iftimie**, **Iulian Mircea**, C.Raischi, R.Şerban, **Ovidiu Vegheş**, (2008) *Admitere 2008 – Matematică. Teste grilă şi autoevaluare*, Editura Cison, Bucureşti, 240 pagini, 2008 (ISBN 978-973-8301-18-4).

2.3. Capitole în volume colective

1. **Luiza Bădin**, Cinzia Daraio, (2011), *Explaining Efficiency in Nonparametric Frontier Models: Recent developments in statistical inference*, in Exploring research frontiers in contemporary statistics and econometrics, Eds. I. Van Keilegom and P.W. Wilson, Springer-Verlag Berlin Heidelberg, 151-175, DOI 10.1007/978-3-7908-2349-3_7
2. **Cristinca Fulga**, (2009) *Dynamic Model for Portfolio Optimization*, Book Series: Lecture Notes in Engineering and Computer Science, Vol. 2, pp. 2081-2086, Eds.: S. I. Ao, O. Castillo, C. Douglas, D. Dagan Feng, J.-A Lee, Publ: Newswood Ltd., I.A.Eng, ISBN: 978-988-17012-7-5, indexat BDI: Science Citation Index Expanded.
3. Tudor Sireteanu, **Marius Giuclea**, Viorel Şerban (2010) *Dynamic behaviour of structures with hysteretic characteristics. Application to seismic engineering*, *Research* trends in Mechanics, vol.4, Editura Academiei Române, pg. 321-348, ISBN 978-973-27-1945-1.
4. **Bogdan Iftimie**, **Marinela Marinescu**, C. Vârsan, (2011) *Functionals associated with gradient stochastic flows and nonlinear SPDEs*, în volumul Advanced Mathematical Methods for Finance (volum special dedicat contractului internaţional cu acelaşi nume al European Science Foundation ESF derulat în perioada 2005 -2010), Capitolul 15, 19 pagini, Springer-Verlag Berlin Heidelberg.
5. Mihaela Covrig**, Iulian Mircea**, (2011) *On some approximations used in the risk process of an insurance company,* Annual Book of Sofia University "St. Kliment Ohridski", Faculty of Economics and Business Administration, Vol.9, 2011, pp.131-138, ISSN: 1311-8420.
6. Mihaela Covrig, **Iulian Mircea, Ovidiu Vegheș, Radu Șerban**, Constantin Raischi, (2011) *Some applications of sums of random variable in non-life insurance,* Annual Book of Sofia University "St. Kliment Ohridski", Faculty of Economics and Business Administration, (Annuaire De L'Université De Sofia "St. Kliment Ohridski", Faculté Des Sciences Economiques Et De Gestion), Vol.9, pp.139-151, ISSN: 1311-8420.

3. COMUNICĂRI ŞTIINȚIFICE

3.1. Comunicări la conferinţe internaţionale

1. **Virginia Atanasiu**, Constanta Nicoleta Bodea, *Ex post and ex ante impact analysis of research programmes using CMMI framework*, Conferinţa Internaţională Knowledge is power-KIP 2009, organizată de Asociaţia Project Management România şi Universitatea Naţională de Apărare „Carol I", Academia de Studii Economice Bucureşti, şi *publicat* în: KNOWLEDGE MANAGEMENT: PROJECTS, SYSTEMS AND TECHNOLOGIES, Proceedings of the 4th International Conference on Knowledge Management: Projects,

Systems and Technologies KM-04, 2009, November 6th-7th 2009, BUCHAREST, ROMANIA, la pag. 173-177, cu ISBN volum 978-973-663-784-4.

2. **Virginia Atanasiu**, *Numerical evaluation of loaded credibility*, comunicare conţinută în Proceedings of the 5th International Conference on Knowledge Management: Projects, Systems and Technologies, Bucharest, November 12 – 13, 2010, articol având indexarea RePEc, adică indexarea Research Papers in Economics, cu ISBN volum 978-973-663-784-4
3. **Virginia Atanasiu,** *Mathematical methods in the credibility theory*, 5th International Conference On Applied Statistics, Edition dedicated to World Statistics Day, organized by the National Institute of Statistics and Academy of Economics Studies, în Romania, Bucharest, November 19 – 20, 2010, şi publicată pe CD - ul conferinţei la Section 1, adică la secţiunea 1, denumită Modern Technologies for Statistical Research, ISSN 2069 – 2498.
4. **Virginia Atanasiu**, *Credibility formulas of the model incorporating risk volume*, Simpozionului Internaţional „Statistically Significant Evolution Of Services Development", Bucureşti, România, 23-25, 2012.
5. **Luiza Bădin**, Cinzia Daraio, Leopold Simar, *Improving statistical inference and bootstrapping in conditional nonparametric frontier models*, V-th North American Productivity Workshop (NAPW V), 24 - 27 Iunie 2008, New York, USA.
6. **Luiza Bădin**, Cinzia Daraio, Leopold Simar, *Optimal bandwidth selection for conditional efficiency measures*, V-th North American Productivity Workshop (NAPW V), 24 - 27 Iunie 2008, New York, USA.
7. **Luiza Bădin**, Cinzia Daraio, Leopold Simar, *Optimal bandwidth selection for conditional efficiency measures: a data-driven approach*, 3-rd Italian Congress of Econometrics and Empirical Economics, 30 - 31 Ianuarie 2009, Ancona, Italia.
8. **Luiza Bădin,** *Bias correction for nonparametric conditional and unconditional efficiency estimators: a Monte Carlo study* **(INVITED)**, Exploring Research Frontiers in Contemporary Statistics and Econometrics: Conference in Honor of Professor Leopold Simar, 14 - 15 Mai 2009, Louvain la Neuve, Belgia.
9. **Luiza Bădin**, Cinzia Daraio, Leopold Simar, *Analyzing the bias of conditional efficiency estimators: a Monte Carlo study*, XI-th European Workshop on Efficiency and Productivity Analysis (EWEPA XI), 23 - 27 Iunie 2009, Pisa, Italia.
10. **Luiza Bădin**, *Statistical inference using bootstrap*, Romanian-American Workshop "Applications in Statistics", Institutul de Statistică Matematică şi Matematică Aplicată Gheorghe Mihoc – Caius Iacob, 13 Mai 2010, Bucureşti, România.
11. Anamaria Aldea, **Luiza Bădin**, Carmen Lipară, *Efficiency Analysis of Commercial Banks Using a Nonparametric Unconditional Quantile Approach*, 9th International Conference on Data Envelopment Analysis (DEA2011), 24-27 August 2011, Salonic, Grecia.
12. **Luiza Bădin**, Cinzia Daraio, Leopold Simar, *How to Measure the Impact of Environmental Factors in a Nonparametric Production Model?*, XII European Workshop on Efficiency and Productivity Analysis (EWEPA XII), 21-24 Iunie 2011, Verona, Italia.
13. Anamaria Aldea, **Luiza Bădin**, Carmen Lipară, *Efficiency Analysis of Commercial Banks: A Robust Nonparametric Approach*, XII European Workshop on Efficiency and Productivity Analysis (EWEPA XII), 21-24 Iunie 2011, Verona, Italia.
14. **Luiza Bădin**, Cinzia Daraio, Leopold Simar, *Addressing the Bias Correction Issue in Nonparametric Frontier Models, V IIth* North American Productivity Workshop (NAPW VII), 6-9 Iunie 2012, Houston, Texas.

15. **Luiza Bădin**, Cinzia Daraio, Leopold Simar, *Explaining Inefficiency in Nonparametric Production Models: the State of the Art, V IIth* North American Productivity Workshop (NAPW VII), 6-9 Iunie 2012, Houston, Texas.
16. Anamaria Aldea, **Luiza Bădin**, Carmen Lipară, *Assessing the Impact of Stock Volatility on the Efficiency of Listed Commercial Banks: A Conditional Nonparametric Approach*, 25th European Conference on Operational Research, EURO XXV, 8-11 Iulie, 2012, Vilnius, Lituania.
17. **Roxana Ciumara**, Vasile Preda, *A comparison between premiums generated by different types of loss functions*, 9eme Colloque Franco-Roumain de Mathematiques Appliquees, Brasov, Romania, 28 August – 2 September, 2008.
18. **Roxana Ciumara**, Vasile Preda, *Restricted Optimal Retention in Stop-Loss Reinsurance*, The 23rd European Conference on Operational Research, Bonn, July 5 - 8, 2009.
19. **Roxana Ciumara**, Vasile Preda, *On bounds for ratios of posterior expectations under asymmetric loss functions*, The 79th Annual Meeting of the International Association of Applied Mathematics and Mechanics (GAMM), Bremen, Germany, 31 March – 4 April 2008.
20. Vasile Preda, **Roxana Ciumara**, **Silvia Dedu,** *Restricted Optimal Retention in Stop-Loss Reinsurance*, The 23rd European Conference on Operational Research, Bonn, July 5-8, 2009.
21. **Silvia Dedu, Cristinca Fulga,** *A Comparative Approach in Risk Management using VaR and CVaR Risk Measures,* The International Conference on Economic Cybernetic Analysis: Global Crisis Effects on Developing Economies, Bucharest, 2009.
22. **Silvia Dedu, Cristinca Fulga**, *A new mean-risk model with Limited-Value-at-Risk for Portfolio optimization*, The 5th International Conference on Economic Cybernetic Analysis, Bucharest, May 14-15, 2010.
23. **Silvia Dedu,** *Mean-Risk Portfolio Optimization with Principal Component Analysis Based Stock Selection*, 10ème Colloque Franco-Roumain de Mathématiques Appliquées, Poitiers, 26-31 Août, 2010.
24. **Silvia Dedu, Cristinca Fulga,** *Mean-risk portfolio optimization with prior stock selection based on hierarchical clustering technique,* The 25th IFIP TC 7 Conference on System Modeling and Optimization, Berlin, Germany, September 12-16, 2011.
25. **Silvia Dedu, Roxana Ciumara**, Eugenia Panaitescu, *Stop-Loss Reinsurance Model Based On Multiple Retention Levels With Risk Estimation And Optimizatio*n, the 14th International Conference on Applied Stochastic Models and Data Analysis ASMDA 2011, La Sapienza University, Rome, June 6-10, 2011
26. **Florentin Şerban**, **Silvia Dedu,** *Risk-based optimization of a portfolio. Application in case of shares listed on Bucharest Stock Exchange*, 11th International Conference Financial and Monetary Stability in Emerging Countries, Bucharest, December 10-11, 2010.
27. **Cristinca Fulga**, *Approximate Dynamic Programming Approach to Portfolio Optimization*, Proceedings of the 5th European Congress of Mathematics 5ECM, Amsterdam, Olanda, 2008.
28. **Cristinca Fulga**, *Risk-Return Portfolio Optimization with Disutility Function***,** Proceedings of the 24th European Conference on Operational Research EURO XXIV, Lisabona, Portugalia, 2010.
29. **Cristinca Fulga**, *Utility Based Mean-Risk Portfolio Optimization***,** Proceedings of the 2010 International Congress on Computational and Applied Mathematics, ICCAM 2010, Louvain, Belgia, 2010.

30. **Cristinca Fulga**, *Single-Period Portfolio Optimization in a Reward-Risk Framework*, Proceedings of the 2010 International Conference on Operations Research, OR 2010, Munchen, Germania, 2010.
31. **Cristinca Fulga**, **Ciprian Popescu**, *Fuzzy modeling for portfolio optimization*, The Fifth International Conference on Economic Cybernetic Analysis: The Efficiency of Social and Economic Anti-Crisis Policies, May 14-15 2010, ASE Bucharest
32. **Cristinca Fulga**, *Single Period Mean-risk Portfolio Rebalancing Model with a Hybrid Approach of the Stock Selection Phase*, The 19th Triennial Conference of the International Federation of Operational Research Societies IFORS2011, Melbourne, Australia, July 10-15, 2011.
33. **Cristinca Fulga**, *Multi-Period Portfolio Optimization*,The 14th Conference of the Applied Stochastic Models and Data Analysis International Society ASMDA 2011, Rome, Italy, June 7-10, 2011.
34. **Cristinca Fulga**, *Risk-Return Portfolio Optimization*, The International Conference on Operations Research OR 2011, Zurich, Switzerland, August 30 - September 2, 2011.
35. **Cristinca Fulga**., *Multi-Agent Systems Modeling and Management Based on a Decentralized/Cooperative Optimization Technique*,The 10th IEEE/WIC/ACM International Conference on Intelligent Agent Technology, Lyon, France, August 22-27, 2011.
36. **Cristinca Fulga** , *Optimal Portfolio Selection With Disutility Based Risk Measure*, The 25th IFIP TC 7 on System Modeling and Optimization Conference, Berlin, Germany, September 12-16, 2011.
37. **Cristinca Fulga**, *Portfolio Optimization with a New Quantile-based Risk Measure*, The 25th European Conference on Operational Research, Vilnius, Lithuania, July 8-11, 2012.
38. **Cristinca Fulga**, *Portfolio Optimization with prior AHP Stock Ranking*, The 21st International Symposium on Mathematical Programming, Berlin, Germany, August 19-24, 2012.
39. **Bogdan Iftimie**, *Homogenization of a singular random one-dimensional PDE in a stationary non-periodic setting*, Al 9-lea Colocviu franco român de matematici aplicate, Universitatea din Braşov, Romania, 28 august - 2 septembrie 2008.
40. **Bogdan Iftimie**, *A portfolio optimization problem in a financial market with stochastic interest rate*, Workshop Probability and Related Aspects, Alba Iulia, România, 22-26 mai 2012.
41. **Bogdan Iftimie**, *Portfolio optimization in an incomplete market with stochastic interest rate*, International Conference on Applied and Computational Mathematics ICACM, Middle East Technical University (METU), Ankara, Turcia, 3-6 octombrie 2012.
42. **Daniela Ijacu,** *Some differential games with stochastic perturbation associated with non adapted solutions*, International Conference of Math. Science, Istambul, Turcia, 4-10 August 2009.
43. **Daniela Ijacu, Marinela Marinescu,** *Reversible stochastic flows associated with nonlinear SPDE* , EQUADIFF 2011, 01.08-05.08, Loughborough University, Loughborough, UK.
44. **Marinela Marinescu, Daniela Ijacu,** *Tree problems for stochastic flows associated with nonliner SPDEs and backward parabolic equations with parameters*, 6th International Conference on Stochastic Ananlysis and Its Applications, 10.09-14.09, 2012, The Mathematical Research and Conference Center, Bedlewo, Polonia

45. **Marinela Marinescu**, *Gradient representation and positive cad-lag solutions for jump differential equations,* 9-eme Colloque Franco-Roumain de Mathematiques Appliquees, 28 august-2 septembrie 2008, Braşov, România.
46. **Marinela Marinescu,** *Analysis of stochastic differential equations with jumps,* The Seventh Congress of Romanian Mathematician, 29.06-05 .07, 2011, Universitatea Transilvania, Brașov.
47. Mircea Nica**, Marinela Marinescu,** *Stochastic flows with unbounded jumps associated with nonlinear SPDEs,* 7th Bachelier Finance Society World Congress, 19.06-22.06,2012, Sydney, Australia.
48. Dumitru George Badea, **Iulian Mircea**, Laura Ely Naghi, *Modelarea sumei de asigurare în cazul hidrogeneratoarelor,* A XI-a Conferinţă Internaţională „Stabilitatea financiară şi monetară în ţările emergente", ASE, 10-11 decembrie 2010.
49. Mihaela Covrig, **Iulian Mircea**, *The approximations used in the risk process of an insurance company*, The International Conference of Financial and Actuarial Mathematics - FAM - 20-22 September 2008, Sofia, Bulgaria.
50. Mihaela Covrig, **Iulian Mircea**, **Ovidiu Vegheş, Radu Şerban**, Constantin Raischi, *Some applications of sums of random variables in non-life insurance*, The International Conference of Financial and Actuarial Mathematics - FAM – 2008, 20-22 September 2008, Sofia, Bulgaria.
51. Mihaela Covrig, **Iulian Mircea**, **Radu Şerban**, Radu R. Şerban, *On the computation of the optimum risk reserve fund in the insurance business*, The 4th International Conference of ASECU – Development: Cooperation and Competitiveness, Academy of Economic Studies, 22-24 May 2008, Bucharest.
52. **Iulian Mircea,** Mihaela Covrig, *Optimization of financial resources of an insurance company using risk process estimation techniques*, The 4th International Conference "ECONOMY AND TRANSFORMATION MANAGEMENT", UNIVERSITY OF THE WEST, Timişoara, Faculty of economics and business administration, "JEAN MONNET" EUROPEAN CENTRE OF EXCELLENCE, The School of High Comparative European Studies (SISEC), UNIVERSITÉ D'AVIGNON ET DES PAYS DE VAUCLUSE, FRANCE, 9-10 May 2008, Timişoara.
53. **Iulian Mircea,** Mihaela Covrig, *Mathematical Models in the Romanian Annuity Market and Pension Funds,* The 6th International Conference on Computational and Financial Econometrics (CFE 2012) and 5th International Conference of the ERCIM (European Research Consortium for Informatics and Mathematics) Working Group on Computing & Statistics (ERCIM 2012), Oviedo, Spain, 1-3 December 2012.
54. **Cristina Pripoae**, Gabriel Pripoae, Vasile Preda, *Eta-pseudolinearity on differentiable manifolds*, The VI-th International Conference of Differential Geometry and Dynamical Systems (DGDS-2012), August 29- September 2, Mangalia.
55. **Mariana Sibiceanu**, *Asymptotic exponential inequalities for empirical measures constructed on terms far apart in a mixing sequence,* 8 th World Congress in Probability and Statistics Istanbul, 9 -14 July, 2012.
56. **Florentin Şerban,** *Credit crisis of 2008 and its implication*, Conferinta Internationala "Efectele crizei globale asupra economiilor in dezvoltare", Catedra de Cibernetica Economica, ASE , Buc. mai 2009

57. **Maria Viorica Ştefanescu, Florentin Şerban, Silvia Dedu**, *Portfolio Optimization using Data Analysis techniques*, Conferinţa Internaţională, WSEAS International Conferences, Tunis, 2010.
58. **Florentin Şerban, Maria Viorica Ştefanescu, Silvia Dedu**, *Portfolio selection techniques using data analysis*, Conferinţa Ştiinţifică Internaţională- IECS, Sibiu mai 2010
59. **Florentin Şerban,** *Bursa-barometrul economiei?,* Conferinţa Internaţională "Eficienta economica şi socială a politicilor de combatere a crizei" Catedra de Cibernetica Economica, ASE, Bucuresti, Mai 2010.
60. **Iulian Mircea**, **Radu Şerban**, Daniela Todose, *Linear programming models applied in selection of partners in a virtual organization*, The 4th International Conference of ASECU – Development: Cooperation and Competitiveness, Academy of Economic Studies, 22-24 May 2008, Bucharest.
61. Ferrara Massimiliano, **Șerban Florentin, Ștefanescu Maria Viorica,** (2011) *A new portfolio management approach based on principal component analysis and clustering techniques,* The 14 th Conference of the ASMDA International Society, Universitatea La Sapienza, Roma, 7-10 iunie 2011.
62. **Florentin Șerban**, (2011) *Risk control and how it can be anticipated economic evolution,* a 6-a Conferinta Internationala de Cibernetica Economica "Global crisis effects and the patterns of economic recovery (GCER-2011)
63. **Șerban Florentin**, **Ștefanescu Maria Viorica**, Busu Mihail, (2012) *Portfolio optimization algorithm based on data analysis and mean-risk models,* The 20th International Conference on Computational Statistics COMPSTAT 2012, Limassol, Cipru, 27 - 31 august 2012
64. **Aida Toma**, *Robust estimations and tests through divergences,* 9 éme Colloque Franco-Roumain de Mathematiques Appliquees, Braşov, România, 28 August-2 Septembrie 2008.
65. **Aida Toma**, *Robust estimations and tests using divergences and duality techniques,* 4th International Conference on Applied Statistics – ICAS 4, Bucureşti, România, 20-22 Noiembrie 2008.
66. **Aida Toma**, *Robust inference based on divergence optimization,* The 9th Balkan Conference on Operational Research – BALCOR 2009, Constanţa, România, 2-6 Septembrie 2009.
67. **Aida Toma**, *Robust statistical methods,* Romanian-American Workshop "Applications in Statistics", desfăşurat la Institutul de Statistică Matematică şi Matematică Aplicată "Gheorghe Mihoc – Caius Iacob", Bucureşti, 13 Mai 2010.
68. **Aida Toma**, *Estimation Criteria Based on Pseudodistance Minimization,* 14thApplied Stochastic Models and Data Analysis Conference – ASMDA 2011, Rome, Italy, 6-10 June 2011, (**Invited Speaker** at the special session "*Building models and handling statistical inference*", organized by prof. Vladimir Zaiats)
69. **Aida Toma**, *Robust estimation for financial returns: an approach based on pseudodistance minimization,* The Seventh Congress of Romanian Mathematicians, Brașov, Romania, 29 June – 5 July 2011.
70. **Aida Toma**, *Robust and efficient estimation methods for asset returns,* "The Economic Scientific Research, Support to Welfare and Human development in European Context - Post Doctoral School"-Socio Economic Approach: Multi-Scale Integrated Analysis and Macroeconomic Modeling, Bucharest, 22-23 November 2011.

3.2. Comunicări la conferinţe naţionale

1. **Sorin Baz,** *On a MCMC procedure for simulating missing entries in a contingency table,* A 13- a Conferinţă a Societăţii de Probabilităţi şi Statistică din România, Bucureşti, 16 aprilie 2010.
2. **Luiza Bădin**, *Nonparametric estimation of conditional efficiency measures*, A 11-a Conferinţă a Societăţii de Probabilităţi şi Statistică din România, 18 Aprilie 2008, Bucureşti, România.
3. **Luiza Bădin**, Cinzia Daraio, Leopold Simar, *Optimal bandwidth selection for conditional efficiency measures: a data driven approach,* A 12 a Conferinţă a Societăţii de Probabilităţi şi Statistică din România, 10 Aprilie 2009, Constanţa, România.
4. **Luiza Bădin**, Cinzia Daraio, Leopold Simar, *Assessing the Impact of Environmental Factors in a Nonparametric Production Model*, A 14-a Conferinţă a Societăţii de Probabilităţi şi Statistică din România, 28 Aprilie 2011, Bucureşti, România
5. **Luiza Bădin**, Cinzia Daraio, Leopold Simar, *Explaining Inefficiency in Conditional Nonparametric Frontier Models*, A 15-a Conferinţă a Societăţii de Probabilităţi şi Statistică din România, 27 Aprilie 2012, Bucureşti, România.
6. **Ion Purcaru, Gabriela Beganu,** Ion Verboncu, *Asupra unei probleme de managementul diversităţii privind alocarea de capital,* A 11-a Conferinţă a Societăţii de Probabilităţi şi Statistică din România, 2008.
7. **Gabriela Beganu,** *On the existence of the best quadratic unbiased estimators of covariance components in linear models with multivariate random effects*, A 14-a Conferinta a Societatii de Probabilitati si Statistica din Romania, 2011.
8. **Roxana Ciumara**, Vasile Preda, *New properties of order statistics and L-moments*, The 11th Conference of Probability and Statistics Society of Romania (SPSR), Faculty of Mathematics and Computer Science, University of Bucharest, 18 – 19 April 2008.
9. **Roxana Ciumara**, Vasile Preda, *A new mixed distribution in lifetime analysis*, 12th Conference of Probability and Statistics Society of Romania (SPSR), Universitatea Ovidius Constanţa, 10 April 2009.
10. **Silvia Dedu, Florentin Şerban**, *Construcţia unui portofoliu optim format din acţiuni listate la bursa electronică RASDAQ*, Conferinţa Societăţii de Probabilităţi şi Statistică din România, Bucureşti, 18 aprilie 2008.
11. **Florentin Şerban**, **Silvia Dedu,** *Volatilitatea unei actiuni - calea prin care se pot pierde sau cistiga bani la bursa*, A 13-a Conferinţă a Societăţii de Probabilităţi şi Statistică din România, Bucureşti, 16-17 aprilie 2010.
12. **Silvia Dedu, Cristinca Fulga,** *Mean-VaR portfolio optimization with a hybrid HC-PCA approach to prior stock selection*, A 14-a Conferinţă a Societăţii de Probabilităţi şi Statistică din România, 29-30 Aprilie, 2011.
13. **Silvia Dedu,** *Optimization of some risk measures in Stop-Loss reinsurance with multiple retention levels*, A 15-a Conferinţă a Societăţii de Probabilităţi şi Statistică din România, 27-28 Aprilie, 2012.
14. **Silvia Dedu, Cristinca Fulga,** *Quantile-based risk optimization with prior stock selection for asset allocation*, A 15-a Conferinţă a Societăţii de Probabilităţi şi Statistică din România, 27-28 Aprilie, 2012.

15. **Bogdan Iftimie,** *Aplicatii ale teoriei controlului optimal stohastic in rezolvarea problemelor de optimizare pentru problemele de tipul investitor-manager in timp continuu ,* Workshop for Young Researchers in Mathematics, Constanța, România, 12-13 mai 2011.
16. **Bogdan Iftimie,** *A portfolio optimization problem with a stochastic interest rate,* Workshop for Young Researchers in Mathematics, Constanța, România, 10-11 mai 2012.
17. **Marinela Marinescu, Daniela Ijacu,** *About stochastic differential games with Nash equilibrium solutions,* A 15-a Conferință a Societății de Probabilități si Statistică din Romania, 27.04-28.04, 2012, Facultatea de Matematica si Informatica Universitatea Bucuresti.
18. **Marinela Marinescu**, *Reprezentare gradient şi comportare asimptotică pentru soluţii cad-lag asociate cu ecuaţii integrale cu impulsuri,* A 11-a Conferinţă a Societăţii de Probabilităţi si Statistică Matematică, 18 Aprilie 2008, Univeristatea Bucureşti.
19. **Marinela Marinescu,** *A nonlinear filtering problem involving non-smooth functionals,* 14-a Conferință a Societății de Statistică și Probabilități, 29 Aprilie 2011, Academia de Studii Economice, București.
20. **Marinela Marinescu,** *Implication of the Kolmogorov equation in solving an european option problem,* Workshop for Young Researchers in Mathematics, 12-13 Mai, 2011, Universitatea Ovidius, Constanța.
21. **Liana Manu Iosifescu,** *A singular random system with complete connections,* 14th National Conference of the Society for Probability and Statistics from Romania, Bucharest, 29 April 2011.
22. **Iulian Mircea**, *Calculul primelor de asigurare în cazul catastrofelor naturale,* comunicare la „A 11-a Conferinţă a Societăţii de Probabilităţi şi Statistică din România", Facultatea de Matematică şi Informatică, Universitatea Bucureşti, 18 aprilie 2008.
23. **Iulian Mircea**, *On some methods in estimating the ruin probability,* A 12-a Conferinţă a Societăţii de Probabilităţi şi Statistică din România, Universitatea Ovidius, Constanţa, 10 aprilie 2009.
24. **Iulian Mircea**, *Modele de optimizare a planificării şi programării producţiei distribuite într-o întreprindere virtuală*, Workshop: „Promovarea inovării în integrarea sistemică şi funcţională a întreprinderii industriale", Universitatea POLITEHNICA, Bucureşti, 4 noiembrie 2010.
25. **Iulian Mircea**, *The stochastic mortality models – an application to the annuity market and pension schemes,* A 13-a Conferinţă a Societăţii de Probabilităţi şi Statistică din România, Universitatea Tehnică de Construcţii, Bucureşti, 16 aprilie 2010.
26. **Cristina Pripoae,** *Rezultate recente privind convexitatea functiilor pe varietati diferentiabile,* A 14-a Conferinta a Societatii de Probabilități și Statistică din România, 29 aprilie, 2011.
27. **Mariana Sibiceanu**, *Asymptotic exponential inequalities for empirical measures corresponding to distanced terms of a mixing sequence*, A 15-a Conferinţă a Societăţii de Probabilităţi şi Statistică din România, Bucureşti, 27 Aprilie, 2012.
28. **Aida Toma,** *Parametric estimators and tests using divergences,* A 11 a Conferinţă Naţională a Societăţii de Probabilităţi şi Statistică din România, Bucureşti 18 Aprilie 2008.
29. **Aida Toma**, *Robust saddlepoint test statistics based on divergence optimization,* A 12 a Conferinţă Naţională a Societăţii de Probabilităţi şi Statistică din România, Constanţa, 10 Aprilie 2009.
30. **Aida Toma**, *Optimal robust M-estimators using Renyi pseudodistances,* A 13 a Conferinţă Naţională a Societăţii de Probabilităţi şi Statistică din România, Bucureşti, 16 Aprilie 2010.

31. **Aida Toma**, *Decomposable pseudodistances and applications in continuous families,* A 14 a Conferinţă Naţională a Societăţii de Probabilităţi şi Statistică din România, Bucureşti, 29 Aprilie 2011.
32. **Aida Toma**, Samuela Leoni-Aubin, *Minimum pseudodistance estimators of multivariate location and scatter and applications*, A 15 a Conferinţă Naţională a Societăţii de Probabilităţi şi Statistică din România, Bucureşti, 27 Aprilie 2012.
33. M.Covrig, **Ovidiu Vegheş**, *On tail dependence in financial calculus,* A 11-a Conferinţă a Societăţii de Probabilităţi şi Statistică din România, Aprilie 2008.
34. **Ovidiu Vegheş**, *Alocatii valoare pentru jocuri cooperative cu un numar infinit de jucători,* A 13-a conferinţă a Societăţii de Probabilităţi şi Statistică din România, Aprilie 2010.
35. **Ovidiu Vegheş**, *Asupra soluțiilor jocurilor cooperative,* A 14-a Conferinţă a Societăţii de Probabilităţi şi Statistică din România, 29 Aprilie 2011.
36. **Ovidiu Vegheş**, *Continuity properties of a solution in cooperative games,* A 15-a Conferinţă a Societăţii de Probabilităţi şi Statistică din România, Aprilie 2012.

3.3. Seminarii ştiinţifice susţinute

1. **Gabriela Beganu,** *Estimarea parametrilor în modele liniare mixte multidimensionale,* Seminarul ştiinţific al Catedrei de Matematică, Academia de Studii Economice din Bucureşti, 17 nov, 15 dec. 2008.
2. **Maria Viorica Ştefănescu, Florentin Şerban, Silvia Dedu,** *Algorithms for hierarchical classification with aplications in finance,* 27 octombrie 2008, Universitatea din Messina.
3. **Maria Viorica Ştefănescu, Florentin Şerban**, **Silvia Dedu,** *Algorithms for hierarchical classification with aplications in finance,* 28 octombrie 2008, Universitatea din Reggio Calabria.
4. **Maria Viorica Ştefănescu, Florentin Şerban**, **Silvia Dedu,** *Fundamental algorithms for classification with aplications in portfolio management*, 3 noiembrie 2008, ELEUSI Research Center, Universitatea Luigi Bocconi, Milano.
5. **Cristinca Fulga**, *Single-period portfolio optimization*, Seminarul ştiinţific al Catedrei de Matematică, Academia de Studii Economice din Bucureşti, 13 februarie 2008.
6. **Marius Giuclea,** *Mulţimi fuzzy, sisteme fuzzy şi aplicaţii,* Seminarul ştiinţific al Catedrei de Matematică, Academia de Studii Economice din Bucureşti, 24 noiembrie 2009.
7. **Marinela Marinescu**, *Reprezentare gradient şi comportare asimptotică pentru soluţii (cad lag) asociate cu ecuaţii diferenţiale cu impulsuri-cazul în care câmpurile comută*, Seminarul Ştiinţific Ecuaţii Diferenţiale şi Control Optimal din ICA, 11.04.2008.
8. **Iulian Mircea**, *Evaluarea probabilităţii de ruinare*, Seminarul ştiinţific al Catedrei de Matematică, Academia de Studii Economice din Bucureşti, 25 martie 2010.
9. **Florentin Şerban,** *Extremele funcţiilor de mai multe variabile,* Seminarul ştiinţific şi didactic al Catedrei De Matematică, ASE, Bucureşti, susţinut în mai 2009.
10. **Florentin Şerban,** *Fundamentarea conceptuala şi metodologica a optimizării unui portofoliu de actiuni Aplicaţie în cazul acţiunilor listate la Bursa de Valori Bucureşti*, Seminarul stiintific al grupului Uniunea Economică şi Monetară, sustinut in ianuarie 2011, in cadrul proiectului POSDRU/89/1.5/S/59184.

11. **Aida Toma,** *Minimum divergence estimators and tests: robustness results,* Seminarul Științific al Catedrei de Matematică, Academia de Studii Economice din Bucureşti, 17 iunie 2008.
12. **Mariana Sibiceanu,** *Deviații mari,* Seminar ştiinţific susţinut în cadrul CCMAFA al Departamentului de Matematici Aplicate, ASE, Bucureşti, 29.11.2012.