

INFORMAȚII PERSONALE

Preda Vasile

 Institutul de Statistică Matematică și Matematică Aplicată „Gheorghe Mihoc – Caius Iacob”
al Academiei Române

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EXPERIENȚA PROFESIONALĂ

1990 – prezent

Cercetător științific CS I

Institutul de Statistică Matematică și Matematici Aplicate "Gh. Mihoc – Caius Iacob", Academia Română

Tipul sau sectorul de activitate Cercetare

1995 - prezent

Profesor universitar

Universitatea din București, Facultatea de Matematică și Informatică

Tipul sau sectorul de activitate Învățământ superior și cercetare

2012 - 2016

Membru CNATDCU

Consiliul Național de Atestare a Titlurilor, Diplomelor și Certificatelor Universitare

Tipul sau sectorul de activitate Atestarea titlurilor, diplomelor și certificatelor universitare

1996 - prezent

Conducător de doctorat, Școala Doctorală de Matematică

Universitatea din București, Facultatea de Matematică și Informatică

Tipul sau sectorul de activitate Învățământ superior și cercetare

1990 - 2015

Membru în Consiliul Facultății de Matematică și Informatică

Universitatea din București, Facultatea de Matematică și Informatică

Tipul sau sectorul de activitate Învățământ superior

1990 - 2012

Membru în Senatul Universității din București

Universitatea din București

Tipul sau sectorul de activitate Învățământ superior

1996 – 2004

Decan al Facultății de Matematică, Universitatea din București

Universitatea din București, Facultatea de Matematică

Tipul sau sectorul de activitate Învățământ superior

- 2007 - prezent **Director al Centrului de Cercetări Operaționale, Universitatea din București**
- 1990 - 1995 **Conferențiar universitar**
Universitatea din București, Facultatea de Matematică
Tipul sau sectorul de activitate Învățământ superior și cercetare
- 1991 - 1992 **Secretar științific**
Universitatea din București, Facultatea de Matematică
Tipul sau sectorul de activitate Învățământ superior și cercetare
- 1978 - 1990 **Lector universitar**
Universitatea din București, Facultatea de Matematică
Tipul sau sectorul de activitate Învățământ superior și cercetare
- 1971 - 1978 **Asistent universitar**
Universitatea din București, Facultatea de Matematică
Tipul sau sectorul de activitate Învățământ superior și cercetare

EDUCAȚIE ȘI FORMARE

- 1972-1977 **Diploma de Doctor în Matematică**
Universitatea din București, Facultatea de Matematică
▪ Teza de doctorat: *Contribuții la teoria deciziilor statistice*
- 1966-1971 **Diploma de Licență în Matematică**
Universitatea din București, Facultatea de Matematică

COMPETENTE PERSONALE

Limba maternă Româna

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleza	B2	C1	B2	B2	C1
Franceza	B2	C1	B2	B2	B2
Rusa	B2	C1	B2	B2	C1

Niveluri: A1/2: Utilizator elementar - B1/2: Utilizator independent - C1/2: Utilizator experimentat
Cadrul european comun de referință pentru limbi străine

Referințe <http://www.researcherid.com/rid/F-2724-2011>
<http://orcid.org/0000-0003-2115-3113>
<http://scholar.google.ro/citations?user=0hhZXZMAAAAJ&hl=ro>
https://www.researchgate.net/profile/Vasile_Preda

ACTIVITATE ȘTIINȚICĂ

Domenii de cercetare	Statistică, Teoria deciziei, Optimizare, Cercetări operaționale, Inegalități variaționale, Teoria echilibrului, Convexitate generalizată, Teoria informației, Biostatistică, Statistică în actuariat.
Publicații	6 monografii, peste 120 articole, peste 30 lucrări publicate în volumele unor conferințe internaționale.
Citări	Peste 1350 citări ale lucrărilor publicate, peste 400 citări în reviste cotate ISI.
Indicatori scientometrici	Hirsch Index conform Web of Science: 10 Hirsch Index conform Scopus: 10 Hirsch Index conform Google Academics: 19
Proiecte de cercetare	Peste 20 proiecte de cercetare
Conferințe	Peste 100 participări cu lucrări la conferințe internaționale
Premii pentru activitatea științică	Premiul I pentru Matematici Aplicate la Balkan Mathematics Competition of Young Researchers, Belgrad, Yugoslavia, 1977 Premiul Gheorghe Lazăr pentru Matematică, Academia Română, 1992 Premii din partea Consiliul Național al Cercetării Științifice, pentru rezultate semnificative publicate în reviste de prestigiu din fluxul științific principal internațional
Recenzor la reviste	Journal of Optimization Theory and Applications; Journal of Mathematical Analysis and Applications; Optimization; European Journal of Operations Research; Journal of Global Optimization; Annals of Institute of Mathematical Statistics; Journal of Australian Mathematics; Journal of Convex Analysis; Journal of Applied Mathematics; Journal on Control and Optimization; Optimization Letters; Journal of Inequalities and Applications; Indian Journal of Pure & Applied Mathematics; Mathematical & Computer Modelling; Applied Mathematics Letters.
Profesor invitat	Universite Paris 6, Conservatoire National des Arts et Metiers, Universite de Lille, Universidad Complutense de Madrid, Universidad de Salamanca
Activitate în comitete editoriale	University Politehnica of Bucharest Scientific Bulletin – Series A – Applied Mathematics and Physics Annals of the University of Bucharest, Mathematical Series Revue d'Analyse Numérique et de la Théorie d'Approximation Advanced Modeling and Optimization International Journal of Risk Theory
Activitate în comitetul științific al conferințelor	International Conference of Mathematical and Computer Sciences ICMCS; XI-ème Colloque Franco-Roumain de Mathématiques Appliquées; 16th European Young Statisticians Meeting - EYSM 2009; Balkan Conference on Operational Research; Congress of Romanian Mathematicians; Conference on Applied and Industrial Mathematics; Conferința Societății de Probabilități și Statistică din România
Membru al organizațiilor profesionale	The Working Group on Generalized Convexity The Working Group on Continuous Optimization The European Working Group on Generalized Convexity and Monotonicity Societatea de Probabilități și Statistică din România Centrul de Cercetări Operaționale din Universitatea București Societatea Română de Criptografie
Membru în comisii de abilitare la universități din străinătate	Universite Lille 1, 2017
Membru în comisii de doctorat la universități din străinătate	University of Delphi, 2009

ANEXE

Lista de lucrări

Anexa: LISTA DE LUCRĂRI

Monografii:

1. *Entropy optimization with applications*, Editura Academiei Române, București, 2010 (cu C. Balcau)
2. *Criptanaliza. Rezultate si tehnici matematice*, Editura Universității București, 2004 (cu E. Simion, A. Popescu)
3. *Teoria deciziilor statistice*, Editura Academiei Române, București, 1992
4. *Inferența statistică pentru medii condiționate*, Editura Universității București, 1992
5. *Vericarea normalității datelor*, Editura Universității București, 1981 (cu V. Craiu)
6. *Probleme de decizie multiplă*, Editura Universității București, 1980 (cu V. Craiu);

Articole indexate în baza de date Web of Science:

- 1) Băncescu, I., Chivu, L., **Preda, V.**, Puente-Ajovin, M., Ramos, A., *Comparisons of log-normal mixture and Pareto tails, GB2 or log-normal body of Romania's all cities size distribution*, Physica A – Statistical Mechanics and its Applications, 526, 121017, 2019.
- 2) Barbu, V.S., Karagrigoriou, A., **Preda, V.**, *Entropy and divergence rates for Markov Chains: III. The Cressie and Read case and applications*, Proceedings of the Romanian Academy, 19, 3, 413-421, 2018.
- 3) Barbu, V.S., Karagrigoriou, A., **Preda, V.**, *Entropy and divergence rates for Markov Chains: II. The weighted case*, Proceedings of the Romanian Academy, 19, 1, 3-10, 2018.
- 4) Barbu, V.S., Karagrigoriou, A., **Preda, V.**, *Entropy and divergence rates for Markov Chains: I. The Alpha-Gamma and Beta-Gamma case*, Proceedings of the Romanian Academy, 18, 4, 293-301, 2017.
- 5) **Preda, V.**, Dedu, S., Sheraz, M., *Second order entropy approach for risk models involving truncation and censoring*, Proceedings of the Romanian Academy, 17, 3, 195-202, 2016.
- 6) Sheraz, M., **Preda, V.**, *Kurtosis in Black-Scholes model with GARCH volatility*, University Politehnica of Bucharest Scientific Bulletin – Series A – Applied Mathematics and Physics, 78, 1, 205-216, 2016.
- 7) **Preda, V.**, Dedu, S., Gheorghe, C., *New classes of Lorenz curves by maximizing Tsallis entropy under mean and Gini equality and inequality constraints*, Physica A – Statistical Mechanics and its Applications, 436, 925-932, 2015.
- 8) **Preda, V.**, Sheraz, M., *Risk-neutral densities in entropy theory of stock options using Lambert function and a new approach*, Proceedings of the Romanian Academy, 16, 1, 20-27, 2015.
- 9) Popescu, P.G., Slusanschi, E.I., **Preda, V.**, *Towards a new bound for a matrix norm*, Carpathian Journal of Mathematics, 2, 255-260, 2015.
- 10) Sheraz, M., Dedu, S., **Preda, V.**, *Entropy measures for assessing volatile markets*, Procedia Economics and Finance, 22, 655-662, Elsevier, 2015.
- 11) **Preda, V.**, Dedu, S., Sheraz, M., *New measure selection for Hunt-Devolder semi-Markov regime switching interest rate models*, Physica A – Statistical Mechanics and its Applications, 407, 350-359, 2014.
- 12) **Preda, V.**, *Interval-valued optimization problems involving (α, ρ) -right upper-Dini-derivative functions*, The Scientific World Journal, Volume 2014, Article ID 750910, 2014.
- 13) Popescu, P.G., **Preda, V.**, Slusanschi, E.I., *Bounds for Jeffreys-Tsallis and Jensen-Shannon-Tsallis divergences*, Physica A – Statistical Mechanics and its Applications, 413, 280-283, 2014.
- 14) Sheraz, M., **Preda, V.**, *Implied volatility in Black-Scholes model with GARCH volatility*, Procedia Economics and Finance, 8, 658-663, Elsevier, 2014.

- 15) **Preda, V.**, Stanciu, D.E., *Upper semicontinuity of solution sets for a class of vector variational inequalities*, Proceedings of the Romanian Academy Series A-Mathematics Physics Technical Sciences Information Science 14, 3, 193-197, 2013.
- 16) **Preda, V.**, Balcău, C., Niculescu, C., *On multiobjective fractional programming involving generalized D-type-I relative to buncions and related functions*, Mathematical Reports 14, 1, 95-106, 2012.
- 17) **Preda, V.**, Mierlus-Mazilu, I., *Inferences for the exponentiated Weibull distribution based on record statistics*, Mathematical Reports, 13, 3, 289-315, 2011.
- 18) **Preda, V.**, Stancu-Minasian, I. M., Beldiman, M., Stancu A.M., *On a general duality model in multiobjective fractional programming with n-set functions*, Mathematical and Computer Modelling, 54, 1-2, 490-496, 2011.
- 19) **Preda, V.**, Stanciu, D.E., *New sufficient conditions for B-preinvexity and some extensions*, Proceedings of the Romanian Academy, 12, 3, 197-202, 2011.
- 20) **Preda, V.**, Panaitescu, E., Ciumara, R., *The modied exponential-Poisson distribution*, Proceedings of the Romanian Academy, 12, 1, 22-29, 2011.
- 21) **Preda, V.**, Balcau, C., *Convex quadratic programming with weighted entropic perturbation*, Bulletin Mathematique de la Societe des Sciences Mathematiques de Roumanie, 52, 1, 57-64, 2009.
- 22) **Preda, V.**, *Duality for a class of continuous-time programming problems*, Proceedings of the Romanian Academy, 10, 3, 222-225, 2009.
- 23) **Preda, V.**, Stancu-Minasian, I., Beldiman, M., Stancu A.M., *Generalized V-univexity type-I for multiobjective programming with n-set functions*, Journal of Global Optimization, 44, 1, 131-148, 2009.
- 24) Fulga, C., **Preda, V.**, *Nonlinear programming with E-preinvex and local E-preinvex functions*, European Journal of Operational Research, 192, 3, 737-743, 2009.
- 25) Stancu-Minasian, I. M., **Preda, V.**, Beldiman, M., Stancu A.M., *On Zalmai's semiparametric duality model for multiobjective fractional programming with n-set functions*, Proceedings of the Romanian Academy, 10, 2, 133-138, 2009.
- 26) **Preda, V.**, *Nondferentiable mathematical programs. Optimality and higher-order duality results*, Proceedings of the Romanian Academy, 9, 3, 179-183, 2008.
- 27) **Preda, V.**, Beldiman, M., *A projection method for systems of generalized variational inequalities with mu-Lipschitz continuous mappings*, Mathematical Reports, 10, 1, 97-103, 2008.
- 28) **Preda, V.**, Ciumara, R., *Applications of some new inequalities for moments of order statistics and L-moments*, Proceedings of the 20th International Conference Euro Mini Conference Continuous Optimization and Knowledge-Based Technologies, Europt'2008, 311-316, 2008.
- 29) **Preda, V.**, Ciumara, R., *On insurer portfolio optimization. An underwriting risk model*, Romanian Journal of Economic Forecasting, 9, 1, 102-118, 2008.
- 30) **Preda, V.**, Beldiman, M., Baibarac, E. C., *Optimality conditions and higher-order duality for a nondferentiable mathematical programming class*, Mathematical Reports, 10, 4, 375-384, 2008.
- 31) Batatorescu, A., Beldiman, M., **Preda, V.**, *The construction of some classes of generalized V-univex type-I multiobjective problems*, 20th International Conference, Euro Mini Conference Continuous Optimization and Knowledge-Based Technologies, 217-222, 2008.
- 32) **Preda, V.**, Sudradjat, S., *Connections between dferent classes of solutions in multi-objective programming, with application to stochastic programming*, Proceedings of the Romanian Academy, 8, 3, 189-195, 2007.
- 33) Fulga, C., **Preda, V.**, *On optimality conditions for multiobjective optimization problems in topological vector space*, Journal of Mathematical Analysis and Applications, 334, 1, 123-131, 2007.
- 34) Balcau, C., **Preda, V.**, *On maxentropic reconstruction of multiple Markov chains*, Bulletin Mathematique de la Societe des Sciences Mathematiques de Roumanie, 50, 4, 295-304, 2007.

- 35) Beldiman, M., **Preda, V.**, *Some existence results for a class of relatively B-pseudomonotone variational inequalities over product sets*, Proceedings of the Romanian Academy, 8, 1, 11-17, 2007.
- 36) **Preda, V.**, *Optimality and duality in fractional multiple objective programming involving semilocally preinvex and related functions*, Journal of Mathematical Analysis and Applications, 288, 2, 365-382, 2003.
- 37) **Preda, V.**, Balcau, C., *On maxentropic reconstruction of countable Markov chains and matrix scaling problems*, Studies in Applied Mathematics, 111, 1, 85-100, 2003.
- 38) **Preda, V.**, Stancu-Minasian, I. M., Koller, E., *On optimality and duality for multiobjective programming problems involving generalized d-type-I and related n-set functions*, Journal of Mathematical Analysis and Applications, 283, 1, 114-128, 2003.
- 39) **Preda, V.**, Batatorescu, A., *On duality for minmax generalized B-vex programming involving n-set functions*, Journal of Convex Analysis, 9, 2, 609-623, 2002.
- 40) **Preda, V.**, Chitescu, I., *On constraint qualification in multiobjective optimization problems: Semidifferentiable case*, Journal of Optimization Theory and Applications, 100, 2, 417-433, 1999.
- 41) **Preda, V.**, Bulacu, F., Bulacu, M., *Pearson global indicator and the quantum mechanics of p-dimensional systems*, International Journal of Theoretical Physics, 38, 1999.
- 42) **Preda, V.**, *On duality of multiobjective fractional measurable subset selection problems*, Journal of Mathematical Analysis and Applications, 196, 2, 514-525, 1995.
- 43) **Preda, V.**, *On nonlinear-programming and matrix game equivalence*, Journal of the Australian Mathematical Society Series B - Applied Mathematics, 35, 429-438, 1994.
- 44) **Preda, V.**, *On sufficiency and duality for generalized quasi-convex programs*, Journal of Mathematical Analysis and Applications, 181, 1, 77-88, 1994.
- 45) **Preda, V.**, *On efficiency and duality for multiobjective programs*, Journal of Mathematical Analysis and Applications, 166, 2, 365-377, 1992.
- 46) **Preda, V.**, *On some sufficient optimality conditions in multiobjective differentiable programming*, Kybernetika, 28, 4, 263-270, 1992.
- 47) **Preda, V.**, *On duality with generalized convexity*, Bollettino Della Unione Matematica Italiana, 5A, 3, 291-305, 1991.
- 48) **Preda, V.**, *The Student distribution and the principle of maximum-entropy*, Annals of the Institute of Statistical Mathematics, 34, 2, 335-338, 1982.

Articole indexate în baze de date internaționale (selecție):

- 1) **Preda, V.** *New classes of quasi Lindley distributions. Properties and applications*, International Journal of Risk Theory 8 (2), 11-22, 2018.
- 2) Trandafir, R., **Preda, V.**, Demetriu, S., Mierluș-Mazilu, I., *On mixing continuous distributions with discrete distributions used in reliability*, Review of the Air Force Academy, 2 (37), 5-16, 2018.
- 3) **Preda, V.**, Balcau, C., Constantin, D., Panait, I., *Cumulative entropies: a survey*, Review of the Air Force Academy, 2 (34), 103-112, 2017.
- 4) Sudradjat, S., **Preda, V.**, Panaitescu, E. et al., *Bayesian estimations and predictions using record statistics from the modified Weibull model*, Applied Economics, Business and Development, 247-252, 2010.
- 5) **Preda, V.**, Ionescu, M.F., Chiroiu, V. et al., *A Preisach model for the analysis of the hysteretic phenomena*, Revue Roumaine Des Sciences Techniques Serie de Mechanique Appliquee 55, 3, 75-86, ISSN: 0035-4074, 2010.
- 6) **Preda, V.**, Bălcău, C., Niculescu, C., *Entropy optimization in phase determination with linear inequality constraints*, Revue Roumaine de Mathematiques Pures et Appliquees 55, 4, 327-340, 2010.

- 7) **Preda, V.**, Panaitescu, E., Constantinescu, A., *Bayes Estimators of Modified-Weibull Distribution Parameters using Lindley's Approximation*, WSEAS Transactions on Mathematics, 9, 7, 539-549, 2010.
- 8) **Preda, V.**, Panaitescu, E., Constantinescu, A., Sudrajat, S., *Estimations and Predictions using Record Statistics from the Modified Weibull Model*, WSEAS Transactions on Mathematics, 9, 6, 427- 437, 2010.
- 9) Beldiman, M., **Preda, V.**, *On pseudo linear programming problems and pseudo linear variational inequalities*, Research Trends in Mechanics, 3, Romanian Academy Publishing House, 2009.
- 10) **Preda, V.**, Sudrajat, S., *A portfolio selection problem with possibilistic approach*, Proceedings in Applied Mathematics and Mechanics, 7, 1, 2007.
- 11) **Preda, V.**, Balcau, C., *Maxentropic reconstruction of some probability distributions with linear inequality constraints*, Proceedings of the 7th Balcan Conference on Operational Research, 2007.
- 12) **Preda, V.**, Panaitescu, E., Ciumara, R., *L-moments evaluation for identically and nonidentically Weibull distributed random variables*, Proceedings of the Romanian Academy, 8, 3, 2007.
- 13) **Preda, V.**, Beldiman, M., Batatorescu, A., *On variational-like inequalities with generalized monotone mappings*, Igor V. Konnov, Dinh The Luc, Alexander M. Rubinov (eds.), Generalized Convexity and Related Fields. Lecture Notes in Economics and Mathematical Systems 583, Springer, 2006.
- 14) Ciumara, R., **Preda, V.**, *On composite models: Weibull-Pareto and lognormal-Pareto. A comparative study*, Romanian Journal of Economic Forecasting, 2, 11-32, 2006.
- 15) **Preda, V.**, *Optimality and Wolfe duality for multiobjective programming problems involving n-set functions*, In: Generalized Convexity and Generalized Monotonicity, 14; Nicolas Hadjisavvas, Juan Enrique Martinez Legaz, Jean-Paul Penot (Eds), Lectures Notes in Economics and Mathematical Systems 502, Springer Verlag, 349-361, 2001.
- 16) **Preda, V.**, *Duality for multiobjective mathematical programming involving n-set functions*, Scripta Sci. Math., I, 339-354, 1999.
- 17) **Preda, V.**, *Duality for multiobjective fractional programming problems involving n-set functions*, In: C.Andreian Cazacu, O.Lehto, Th.M.Rassias (Eds.), Analysis and Topology, 569-584, 1998.
- 18) **Preda, V.**, Stancu-Minasian, I.M., *On duality for multiobjective mathematical programming of n-set functions*, Report no. 85, Pisa, Italy, 1994.

Editor al următoarelor volume de conferințe:

Proceedings of the 9th Balkan Conference of Operational Research - BALCOR 2009

Proceedings of the 16th European Young Statisticians Meeting – EYSM 2007

Participări cu lucrări la conferințe (selecție):

- 1) **Preda, V.**, Dedu, S., *Nonlinear Fokker-Planck equations associated with weighted Tsallis and Kaniadakis entropies*, 23rd International Conference on Difference Equations and Applications ICDEA 2017, 24-28 July 2017, Timișoara, Romania.
- 2) **Preda, V.**, Bățătorescu, A., Antonescu, I., *Approximate convexity in multiobjective programming*, The 12th Balkan Conference on Operational Research, 9-13 September 2015.
- 3) **Preda, V.**, Dedu, S., Dănilă, I., *Second Order Entropy Optimization with Applications to Survival Models*, The 16th Conference of the Applied Stochastic Models and Data Analysis International Society, Piraeus, 30 June – 4 July 2015.

- 4) **Preda, V.**, Dedu, S., Gheorghe, C., *New classes of Lorenz curves by using the entropy maximization principle under Gini equality and inequality constraints*, The 12th Balkan Conference on Operational Research, 9-13 September 2015.
- 5) **Preda, V.**, Dedu, S., Biolan, B., *Nonsmooth interval semi-infinite optimization problem using Limiting subdifferentials*, The 12th Balkan Conference on Operational Research, 9-13 September 2015.
- 6) Dedu, S., **Preda, V.**, *The Power Log-Lindley distribution, with applications to lifetime data modeling*, The 19th International Congress on Insurance: Mathematics and Economics, Liverpool, 24-26 June 2015.
- 7) Trandafir, R., **Preda, V.**, *Transmuted probability distributions – a survey*, The 18th Conference of The Romanian Probability and Statistics Society, Bucharest, 8 May 2015.
- 8) Gramatovici, S., **Preda, V.**, *A survey on Hölder continuity of solutions to Ky Fan inequality*, The 12th Balkan Conference on Operational Research, 9-13 September 2015.
- 9) Niculescu, C., **Preda, V.**, *Multiobjective optimization involving higher-order generalized convex functions*, The 18th Conference of The Romanian Probability and Statistics Society, Bucharest, 8 May 2015.
- 10) Dedu, S., **Preda, V.**, Sheraz, M., *New Lorenz curves by maximizing quadratic entropy under inequality constraints*, The 16th Conference of the Applied Stochastic Models and Data Analysis International Society, Piraeus, 30 June – 4 July 2015.
- 11) Trandafir, R., **Preda, V.**, Demetriu, S., Mierluș-Mazilu, I., *The transmuted generalized Pareto distribution. Statistical inference and simulation results*, The 12th Balkan Conference on Operational Research, 9-13 September 2015.
- 12) Dedu, S., **Preda, V.**, *Optimization under various uncertainty measures for insurance and Stop-Loss reinsurance models*, The 18th Conference of The Romanian Probability and Statistics Society, Bucharest, 8 May 2015.
- 13) Gramatovici, S., **Preda, V.**, (2014) *Some parametric sufficient weak ε - efficiency conditions for multiobjective fractional programming problems with generalized (F, ρ, θ) - convexity*, A 17-a Conferință a Societății de Probabilități și Statistică din România, București, 25-26 Aprilie 2014.
- 14) Niculescu, C., **Preda, V.**, Bălcău, C., (2014) *Maximizing the Tsallis entropy with certain grade correlation coefficients*, A 17-a Conferință a Societății de Probabilități și Statistică din România, București, 25-26 Aprilie 2014.
- 15) Bălcău, C., **Preda, V.**, Niculescu, C., (2014) *Optimization of generalized weighted entropies with linear constraints*, A 17-a Conferință a Societății de Probabilități și Statistică din România, București, 25-26 Aprilie 2014.
- 16) Sheraz, M., Dedu, S., **Preda, V.**, (2014) *Entropy measures for assessing volatile markets*, International Conference 'Economic Scientific Research – Theoretical, Empirical and Practical Approaches', ESPERA 2014, București, 13-14 Noiembrie, 2014.
- 17) Dedu, S., Sheraz, M., **Preda, V.**, (2014) *Some criteria to select a pricing measure for solving the valuation problem in incomplete markets*, The 3rd Stochastic Modeling Techniques and Data Analysis International Conference SMTDA 2014, Lisbon, Portugal, 11-14 June 2014.
- 18) **Preda, V.**, Dedu, S. (2013) *Modeling survival data using Lindley-Geometric distribution and some extensions*, The 15th International Conference Applied Stochastic Models and Data Analysis - ASMDA 2013, Mataró, 25-28 June 2013.
- 19) Gramatovici, S., **Preda, V.** (2013) *Optimality and Duality for a Class of Continuous Fractional Programming Problems*, The XI Balkan Conference on Operational Research, Belgrad, 7-11 September, 2013.
- 20) Sheraz, M., **Preda, V.** (2013) *Implied Volatility and Black-Scholes Model with GARCH Volatility*, The International Conference Economic Scientific Research – Theoretical, Empirical and Practical Approaches ESPERA 2013, București, 11-12 Decembrie 2013.
- 21) Dedu, S., **Preda, V.** (2013) *Variance reduction techniques for estimating Limited Value-at-Risk and Limited Conditional Tail Expectation*, The 17th International Congress on Insurance: Mathematics and Economics, Copenhagen, July 1-3, 2013.

- 22) **Preda, V.**, Niculescu, C. (2012) *Maximizing the generalized entropy with certain grade correlation coefficients*, A 15-a Conferință a Societății de Probabilități și Statistică, 27-28 Aprilie 2012.
- 23) **Preda, V.**, Bălcău, C. (2012) *Convex quadratic semi-infinite programming with weighted entropic perturbation*, A 15-a Conferință a Societății de Probabilități și Statistică, 27-28 Aprilie 2012.
- 24) Dedu, S., **Preda, V.** (2012) Importance sampling based estimation methods for Limited Value-at-Risk and Limited Conditional Tail Expectation measures, The 20th International Conference on Computational Statistics, 27-31 August 2012.
- 25) Gheorghe, C., **Preda, V.**, Cipu, C. (2012) The Estimate of Generalized Lorenz Confidence Intervals Using Exponentiated Weibull
- 26) Distribution, A 15-a Conferință a Societății de Probabilități și Statistică, 27-28 Aprilie 2012.
- 27) **Preda, V.**, Niculescu, C. (2011) *Maximizing the disorder with certain grade correlation coefficients*, A 14-a Conferință a Societății de Probabilități și Statistică, București, 29 Aprilie 2011.
- 28) **Preda, V.**, Panaitescu, E. (2011) *A new three-parameter lifetime distribution*, A 14-a Conferință a Societății de Probabilități și Statistică, București, 29 Aprilie 2011.
- 29) Mazilu, I.M., **Preda, V.**, Panaitescu, E. (2011) *Inferences for some statistical distribution based on record statistics*, The 10th Balkan Conference on Operational Research BALCOR 2011, 22-24 September, Thessaloniki, Greece.
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