

ROMÂNIA
MINISTERUL APĂRĂRII NAȚIONALE
ACADEMIA NAVALĂ "MIRCEA CEL BĂTRÂN"
Anexa la Cererea nr. din

1. Lista celor maximum 10 lucrări considerate de candidat a fi cele mai relevante pentru realizările profesionale proprii, care sunt incluse în format electronic în dosar și care se pot regăsi și în celelalte categorii de lucrări prevăzute de prezentul articol):

- Lucrări publicate în reviste ISI

1. **Elena-Gratiela Robe-Voinea**, Raluca Vernic, *On a multivariate aggregate claims model with multivariate Poisson counting distribution*, Proceedings of the Romanian Academy, Series A, ISSN: 1454-9069, (cotat CNCSIS A, ID=789, and ISI indexed), **2015-IF=1.658**.
2. **Elena-Gratiela Robe-Voinea**, Raluca Vernic, *Another approach to the evaluation of a certain multivariate compound distribution*, Analele Universitatii "Ovidius" Constanta, seria Matematica, ISSN 1224-1784, E-ISSN 1844-0835. (cotat CNCSIS A, ID =31, ISI indexed), **2015-IF= 0.383**.
3. **Elena-Gratiela Robe-Voinea**, Raluca Vernic, *Fast Fourier Transform for multivariate aggregate claims*, Computational and Applied Mathematics, Springer International Publishing, 2016, DOI 10.1007/s40314-016-0336-6, Print ISSN 0101-8205, Online ISSN 1807-0302. (ISI indexed), **2016-IF=0.802**.
4. **Elena-Gratiela Robe-Voinea**, Raluca Vernic, *On the recursive evaluation of a certain multivariate compound distribution*, R. Acta Math. Appl. Sin. Engl. Ser. (2016) 32: 913. doi:10.1007/s10255-016-0612-7, **2016-IF=0.250**.
5. **Elena-Gratiela Robe-Voinea**, *The development of a software for calculation of laydays, demurrage and despatch*, "Mircea cel Batran" Naval Academy Scientific Bulletin, Volume XX – 2017 – Issue 1, 2017, The journal is indexed in: PROQUEST / DOAJ / Crossref / EBSCOhost / INDEX COPERNICUS / DRJI / OAJI / JOURNAL INDEX / I2OR / SCIENCE LIBRARY INDEX / Google Scholar / Academic Keys/ ROAD Open Access / Academic Resources / Scientific Indexing Services / SCIPRO / JIFACTOR

- Lucrări în volume ale manifestărilor științifice internaționale

1. **Elena-Gratiela Robe-Voinea**, Alexandru Pimtilie, Raluca Vernic, A short ship design risk analysis using the Monte Carlo method, *6th International Maritime Conference on Design for Safety-DNV GL*, November 28-30, 2016, DNV GL Maritime Headquarters, Hamburg, Germany.

- Lucrări în volumele manifestărilor științifice naționale

1. **Elena-Gratiela Robe-Voinea**, Raluca Vernic, Fast Fourier Transforms for Bivariate aggregate losses. A Matlab application, *The 16th Conference of Romanian Society of Statistics and Probabilities, SPSR*, April 26, 2013, The Bucharest University of Economic Studies, Bucharest, Romania.
2. **Elena-Gratiela Robe-Voinea**, Raluca Vernic, Fast Fourier transform for Multivariate aggregate losses, *The 17th Conference of Romanian Society of Statistics and Probabilities, SPSR*, April 25, 2014, The University of Bucharest, Romania.
3. **Elena-Gratiela Robe-Voinea**, Exponential tilting for computing multivariate compound distributions using the Fast Fourier Transform, *22nd Conference on Applied and Industrial Mathematics - CAIM 2014*, September 18-22, 2014, University of Bacău, Romania, Abstracts, pp. 38.
4. **Elena-Gratiela Robe-Voinea**, Raluca Vernic, What if different types of Icaimssimultaneously affect an insurance portofolio?, *The 18th Conference of Romanian Society of Statistics and Probabilities, SPSR*, May 8, 2015, University of Bucharest, Romania.
5. **Elena-Gratiela Robe-Voinea**, Raluca Vernic, On the recursive evaluation of a certain multivariate compound distribution, *The 8th Congress of Romanian Mathematicians*, June 28 - July 1, 2015, "Alexandru Ioan Cuza" University of Iasi, Romania, Abstracts, pp. 120.
6. **Elena-Gratiela Robe-Voinea**, On the recursive evaluation of a certain multivariate compound distribution, *Scientific PhD Students Session of the PhD School of Mathematics*, June 22, 2015, University of Bucharest, Romania.
7. **Elena-Gratiela Robe-Voinea**, Raluca Vernic, A recursive procedure for a compound risk model with compound-type severity distributions, *The 12th Balkan Conference on Operational Research BALCOR*, September 9-13, 2015, "Mircea cel Bătrân" Romanian Naval Academy, Constanta, Romania.
8. **Elena-Gratiela Robe-Voinea**, Raluca Vernic, Risk analysis based on the Monte Carlo method for a ship design project, *The 19th Conference of Romanian Society of Statistics and Probabilities, SPSR*, May 27, 2016, Technical University of Civil engineering, Bucharest, Romania.
9. **Elena-Gratiela Robe-Voinea**, *Scientific PhD Students Session of the PhD School of Mathematics*, June 21, 2016, University of Bucharest, Romania.
10. **Elena-Gratiela Robe-Voinea**, Raluca Vernic, On the optimization of an algorithm designed for the evaluation of a multivariate compound distribution, *The 20th Conference of Romanian Society of Statistics and Probabilities, SPSR*, April 28, 2017, "Henri Coanda" Romanian Air Force Academy, Braşov, România

2. Teza sau tezele de doctorat;

Elena-Gratiela Robe-Voinea –PhD Thesis (Teză de doctorat) *Stochastic models in actuarial science. Theoretical contributions and applications (Modele stocastice în actuarial. Contribuții teoretice și aplicații)*

3. Brevete de invenție și alte titluri de proprietate industrială;

4. Cărți și capitole în cărți;

5. Articole/studii in extenso, publicate în reviste din fluxul științific internațional principal

6. Publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate

7. Contracte de cercetare științifică

8. Alte lucrări și contribuții științifice sau, după caz, din domeniul creației artistice.

Data

Semnătura