ACADEMIA ROMÂNĂ
SCOSAAR

Anexa nr. 2

FIȘA DE ÎNDEPLINIRE A STANDARDELOR MINIMALE conform CNATDCU

Candidat: Oana-Valeria STAMATE

I = 5,653 I_{recent} = 5,653 C = 18

Fișa de verificare a îndeplinirii standardelor minimale pentru Comisia de Matematica.

Inaintea căsătoriei (anul 2018) am publicat cu numele de Oana Lupaşcu, iar ulterior cu numele de Oana Lupaşcu-Stamate.

Dintre lucrările publicate, în tabelul de mai jos am prezentat lucrarile cu maximul factorilor SRI (scor relativ de influență) din ultimele 5 liste ISI Thomson (din anii 2015-2019), mai mare sau egal cu 0.5 şi care se încadrează domeniului comisiei de specialitate.

Lucrari:

Numarul publicatiei	Referinta bibliografica	Publicat în ultimii 7 ani (DA/NU)	s_i	n_i	s_i/n_i
1.	Ionescu, Ioan R.; Lupaşcu-Stamate, Oana, Boundary variation method for the generalized Cheeger problem. *Appl. Numer. Math.* **140** (2019), 199–214.	DA	1,233	2	0.616
2.	Beznea, Lucian; Deaconu, Madalina; Lupaşcu - Stamate, Oana, Numerical approach for stochastic differential equations of fragmentation; application to avalanches. *Math. Comput. Simulation* **160** (2019), 111–125.	DA	0.999	3	0.333
3.	Lupaşcu -Stamate, Oana; Tudor, Ciprian A., Rosenblatt Laplace motion *Mediterr. J. Math.* **16** (2019), no. 1, Art. 15, 20 pp.	DA	0.573	2	0.286
4.	Lupaşcu, Oana; Stanciulescu, Vasile, Numerical solution for the non-linear Dirichlet problem of a branching process. *Complex Anal. Oper. Theory* **11** (2017), no. 8, 1895–1904.	DA	0.756	2	0.378

5.	Beznea, Lucian; Deaconu, Madalina; Lupaşcu , Oana, Stochastic equation of fragmentation and branching processes related to avalanches. *J. Stat. Phys.* **162** (2016), no. 4, 824–841.	DA	1,497	3	0.499
6.	Beznea, Lucian; Lupaşcu, Oana, Measure-valued discrete branching Markov processes. *Trans. Amer. Math. Soc.* **368** (2016), no. 7, 5153–5176.	DA	2,756	2	1,378
7.	Ionescu, Ioan R.; Lupaşcu, Oana, Modeling shallow avalanche onset over complex basal topography. *Adv. Comput. Math.* **42** (2016), no. 1, 5–26.	DA	1,809	2	0.904
8.	Beznea, Lucian; Deaconu, Madalina; Lupaşcu, Oana, Branching processes for the fragmentation equation. *Stochastic Process. Appl.* **125** (2015), no. 5, 1861–1885.	DA	1,924	3	0,641
9.	Lupaşcu, Oana, Subordination in the sense of Bochner of Lp-semigroups and associated Markov processes. *Acta Math. Sin. (Engl. Ser.)* **30** (2014), no. 2, 187–196.	DA	0.618	1	0.618
TOTAL:				$I =$	5.653
				$I_{recent} =$	5.653

Citari în reviste cu maximul factorilor SRI (scor relativ de influenta) din ultimele 5 liste ISI Thomson (din anii 2015-2019), mai mare sau egal cu 0.5 si care se încadreaza domeniului comisiei de specialitate.

Numarul publicatiei care citeaza	Referinta bibliografica a publicatiei care citeaza	s_i
Beznea, Lucian; Deaconu, Madalina; Lupaşcu, Oana, Stochastic equation of fragmentation and branching processes related to avalanches. *J. Stat. Phys.* **162** (2016), no. 4, 824–841, este citata in:		
1.	Beznea, Lucian; Ignat, Liviu I.; Rossi, Julio D., From Gaussian estimates for nonlinear evolution equations to the long time behavior of branching processes. *Rev. Mat. Iberoam.* **35** (2019), no. 3, 823–846.	2,282
2.	Barbu, Viorel; Beznea, Lucian, Measure-valued branching processes associated with Neumann nonlinear semiflows. *J. Math. Anal. Appl.* **441** (2016), no. 1, 167–182.	1,164
Lupaşcu, Oana; Stanciulescu, Vasile Numerical solution for the non-linear Dirichlet problem of a branching process. *Complex Anal. Oper. Theory* **11** (2017), no. 8, 1895–1904, este citata in:		

Stamate

3.	Beznea, Lucian; Ignat, Liviu I.; Rossi, Julio D., From Gaussian estimates for nonlinear evolution equations to the long time behavior of branching processes. *Rev. Mat. Iberoam.* **35** (2019), no. 3, 823–846.	2,282
4.	Beznea, Lucian; Vladoiu, Speranta, Markov processes on the Lipschitz boundary for the Neumann and Robin problems. *J. Math. Anal. Appl.* **455** (2017), no. 1, 292–311.	1,164
Beznea, Lucian; Deaconu, Madalina; Lupaşcu, Oana, Stochastic equation of fragmentation and branching processes related to avalanches. *J. Stat. Phys.* **162** (2016), no. 4, 824–841, este citata in:		
5.	Beznea, Lucian; Ignat, Liviu I.; Rossi, Julio D., From Gaussian estimates for nonlinear evolution equations to the long time behavior of branching processes. *Rev. Mat. Iberoam.* **35** (2019), no. 3, 823–846.	2,282
6.	Iseri, Melih; Kaspar David; Mungan, Muhittin, Depinning as a coagulation process, *EPL (Europhysics Letters)* **115** Article No.: 46003 (2016) DOI: 10.1209/0295-5075/115/46003	2,191
Beznea, Lucian; Lupaşcu, Oana, Measure-valued discrete branching Markov processes. *Trans. Amer. Math. Soc.* **368** (2016), no. 7, 5153–5176, este citata in:		
7.	Beznea, Lucian; Ignat, Liviu I.; Rossi, Julio D., From Gaussian estimates for nonlinear evolution equations to the long time behavior of branching processes. *Rev. Mat. Iberoam.* **35** (2019), no. 3, 823–846.	2,282
8.	Beznea, Lucian; Cîmpean, Iulian, Quasimartingales associated to Markov processes. *Trans. Amer. Math. Soc.* **370** (2018), no. 11, 7761–7787.	2,756
9.	Beznea, Lucian; Vladoiu, Speranta, Markov processes on the Lipschitz boundary for the Neumann and Robin problems. *J. Math. Anal. Appl.* **455** (2017), no. 1, 292–311.	1,164
10.	Barbu, Viorel; Beznea, Lucian, Measure-valued branching processes associated with Neumann nonlinear semiflows. *J. Math. Anal. Appl.* **441** (2016), no. 1, 167–182.	1,164
Ionescu, Ioan R.; Lupaşcu, Oana, Modeling shallow avalanche onset over complex basal topography. *Adv. Comput. Math.* **42** (2016), no. 1, 5–26, este citata in:		
11.	Fei, Yun; Batty, Christopher; Grinspun, Eitan; Zheng, Changxi, A multi-scale model for	4,493

	coupling strands with shear-dependent liquid - *ACM Transactions on Graphics (TOG)* November **38** Article No.:190 (2019) https://doi.org/10.1145/3355089.3356532	
12.	Frigaard, Ian, Simple yield stress fluids *Current opinion in colloid & interface science* **43** (2019), 80-93 https://doi.org/10.1016/j.cocis.2019.03.002	4,007
13.	Saramito, P., Wachs, A. Progress in numerical simulation of yield stress fluid flows. *Rheol Acta* **56** (2017), 211–230. https://doi.org/10.1007/s00397-016-0985-9	1,624
Lupaşcu, Oana Subordination in the sense of Bochner of Lp-semigroups and associated Markov processes. *Acta Math. Sin. (Engl. Ser.)* **30** (2014), no. 2, 187–196, este citata in:		
14.	Beznea, Lucian; Vladoiu, Speranta Markov processes on the Lipschitz boundary for the Neumann and Robin problems. *J. Math. Anal. Appl.* **455** (2017), no. 1, 292–311.	1,164
15.	Beznea, Lucian; Cîmpean, Iulian, Quasimartingales associated to Markov processes. *Trans. Amer. Math. Soc.* **370** (2018), no. 11, 7761–7787.	2,756
Beznea, Lucian; Lupaşcu, Oana; Oprina, Andrei-George A unifying construction for measure-valued continuous and discrete branching processes. *Complex analysis and potential theory*, 47–59, CRM Proc. Lecture Notes, **55**, Amer. Math. Soc., Providence, RI, 2012, este citata in:		
16.	Beznea, Lucian; Ignat, Liviu I.; Rossi, Julio D. From Gaussian estimates for nonlinear evolution equations to the long time behavior of branching processes. *Rev. Mat. Iberoam.* **35** (2019), no. 3, 823–846.	2,282
17.	Barbu, Viorel; Beznea, Lucian Measure-valued branching processes associated with Neumann nonlinear semiflows. *J. Math. Anal. Appl.* **441** (2016), no. 1, 167–182.	1,164
18.	Beznea, Lucian; Oprina, Andrei-George Bounded and Lp-weak solutions for nonlinear equations of measure-valued branching processes. *Nonlinear Anal.* **107** (2014), 34–46.	1,643