

СПИСЪК от ПУБЛИКАЦИИ за участие в конкурс за ПРОФЕСОР

на доц. д-р Евгения Д. Попова

В списъка по-долу: ISSN номерът съответства на печатната версия на списанието, а импакт факторът е за годината на публикацията.

От всички публикации в този списък само [K30] и [K31] са участвали в друг конкурс — за ст.н.с. II ст.

1. E. D. Popova, M. Hladik, Outer enclosures to the parametric AE solution set, to appear in *Soft Computing*, Springer. ISSN: 1432-7643 **ИФ (2011) = 1.880**
2. E. D. Popova, *Explicit Description of 2D Parametric Solution Sets*, BIT Numerical Mathematics 52(1):179-200, 2012. ISSN: 0006-3835, DOI [10.1007/s10543-011-0339-z](https://doi.org/10.1007/s10543-011-0339-z). **ИФ (2011) = 0.724**
3. M. Zimmer, W. Krämer, E. D. Popova, *Solvers for the verified solution of parametric linear systems*, Computing, (2012) 94:109–123. ISSN: 0010-485X **ИФ (2011) = 0.701**
4. E. D. Popova, W. Krämer, *Characterization of AE Solution Sets to a Class of Parametric Linear Systems*, Comptes rendus de l'Academie Bulgare des Sciences, 64(3):325-332, 2011. ISSN: 1310-1331 **ИФ = 0.210**
5. E.D. Popova, W. Krämer, *Embedding C-XSC Nonlinear Solvers in Mathematica*, Comptes rendus de l'Academie Bulgare des Sciences, 64(1):11-20, 2011. ISSN: 1310-1331 **ИФ = 0.210**
6. E. D. Popova, W. Krämer, *Communicating Functional Expressions from Mathematica to C-XSC*, in K. Fukuda, J. van der Hoeven, M. Joswig, N. Takayama (Eds.), *Mathematical Software – ICMS'2010*, Lecture Notes in Computer Science 6327, Springer-Verlag Berlin Heidelberg 2010, pp. 354–365. ISSN: 0302-9743
7. R. Anguelov, E. D. Popova, *Topological structure preserving numerical simulations of dynamical models*, Journal of Computational and Applied Mathematics, 235, pp. 358–365 (2010). ISSN:0377-0427, **ИФ = 1.029**
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12. R. Anguelov, E. Popova, Reliable Simulations for Applied Dynamical Models, in T.E. Simos et al. (Eds), Numerical Analysis and Applied Mathematics (7th Int. Conf. ICNAAM 2009), American Inst. of Physics Conference Proceedings 1168, Melville, New York, 2009, pp. 1205-1208. ISSN: 0094-243X
13. Popova, E.D., Krämer, W., *Visualizing Parametric Solution Sets*, BIT Numerical Mathematics 48(1):95-115, 2008. ISSN: 0006-3835 **ИФ = 0.902**
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<http://drops.dagstuhl.de/portals/index.php?semnr=08021>
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19. Popova, E., R. Yankov, Z. Bonev: *Bounding the Response of Mechanical Structures with Uncertainties in all the Parameters*. In R.L.Muhanna, R.L.Mullen (Eds): Proceedings of the NSF Workshop on Reliable Engineering Computing, Savannah, Georgia USA, Feb. 22-24, 2006, pp. 245–265.
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