

Венелин Любомиров Тодоров

Публикации участващи в конкурса за главен асистент общо 32 точки

1. **Venelin Todorov**, Ikonov Nikolay, Dimov Ivan, Georgieva Rayna. A New Monte Carlo Algorithm for Linear Algebraic Systems Based on the "Walk on Equations" Algorithm. Proceedings of the 2018 Federated Conference on Computer Science and Information Systems, Annals of Computer Science and Information Systems, 15, IEEE, **2018**, ISSN:2300-5963, DOI:<http://dx.doi.org/10.15439/978-83-949419-5-6>, 257-260, IEEE Catalog Number: CFP1885N-ART (ART), ISBN 978-83-949419-5-6 (Web) (видима в базите Scopus и Web of Science, 2x6=12 точки)
2. Ostromsky T, Dimov I, **Todorov V.**, Zlatev Z. Sensitivity Analysis of an Air Pollution Model by Using Quasi-Monte Carlo Algorithms for Multidimensional Numerical Integration: 9th International Conference, NMA 2018, Borovets, Bulgaria, August 20-24, 2018, Revised Selected Papers, In book: Numerical Methods and Applications, LNCS, volume 11189, ISSN 0302-9743, ISSN 1611-3349 (electronic), ISBN 978-3-030-10691-1, ISBN 978-3-030-10692-8 (eBook), DOI: 10.1007/978-3-030-10692-8_31, **January 2019, SJR:0.283**. (Scopus, 2x10=20 точки)
3. **Todorov, V.**, Dimov, I.: Applying an Almost Optimal Monte Carlo Algorithm for Integral Equations in Neuron Networks, 6th International Scientific Conference on Energy Efficiency and Agricultural Engineering, Ruse, **2015**, ISSN 1311-9974, pp.515-524.
4. **V. Todorov**, I. Dimov, V. Dzurov, T. Stanchev, I. Tsvetkov, V. Dimitrov: A Numerical study on Hammersley sequence and Fibonacci based lattice rule for computation of multidimensional integrals, Journal Scientific and Applied Research, Vol. 12, 18-26, Konstantin Preslavsky Publishing House, ISSN 1314-6289, **2017, EBSCO**.
5. **Todorov, V.**, Dzurov, V., Stojanov, P., Angelov, A. (2016). Latin Hypercube and Importance Sampling Algorithms for Multidimensional Integrals. Journal Scientific and Applied Research, 10, **2016, EBSCO**, 17-23, Konstantin Preslavsky Publishing House, ISSN 1314-6289.