

СПИСЪК НА ПУБЛИКАЦИИТЕ ЗА УЧАСТИЕ В КОНКУРСА ЗА ПРОФЕСОР НА ДМН МАКСИМ ИВАНОВ ТОДОРОВ

REVIEWED PAPERS IN JOURNALS

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2. Goberna M.A., Todorov M.I. Primal-dual stability in continuous linear optimization. *Math. Program., Ser. B* (2009) 116: 129-146.
3. Goberna M.A., Todorov M.I. Generic primal-dual solvability in continuous linear semi-infinite programming. *Optimization*, Volume 57, Issue 2, 2008, Pages 239-248.
4. Goberna M.A., Todorov M.I. Primal, dual and primal-dual partition in continuous linear optimization. *Optimization*, Volume 56, Issue 5, 2007, Pages 617 – 628.
5. Goberna M.A., Todorov M.I. Ill-posedness in continuous linear optimization via partitions of the space of parameters. *Compt. Rend. Acad. Bulg. Sci.*, Tome 60, No. 4, 2007, pp. 357-364.
6. F. Guerra Vazquez, H. Th. Jongen, V. Shikhman, M. Ivanov Todorov. Criteria for efficiency in vector optimization. *Mathematical Methods of Operations Research: Volume 70, Issue 1* (2009), Pages 35-46.
7. Goberna M.A., Terlaky T., Todorov M.I. Sensitivity analysis in linear semi-infinite programming via partitions. *Math. of Operations Research*, Vol.35, February 2010, pp. 14-26.
8. Goberna M.A., E. González, J. E., Martínez-Legaz and Todorov M.I. Motzkin decomposition of closed convex sets. *J. Math. Anal. Appl.* 364 (2010) 209-221.
9. Goberna M.A., J. E. Martínez-Legaz and Todorov M.I. On Motzkin decomposable sets and functions. *J. Math. Anal. Appl.* Volume 372, Issue 2, 15 December 2010, Pages 525-537.
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12. Goberna M.A., Todorov M.I. and Vera de Serio V. On stable uniqueness in linear semi-infinite optimization. *J. of Global Optim.*, Vol. 53, 2012, pp. 347-361, DOI: 10.1007/s10898-011-9768-0.
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15. E. González, L. Hernandez Rebollar and Todorov M.I. Rate of convergence of a class of numerical methods solving linear inequality systems. *Optimization*, Volume 60, Issue 7, July 2011, pp. 947-957, DOI: 10.1080/02331934.2011.611513.
16. Goberna M.A., Guerra F., Todorov M.I. Constraint qualifications in linear vector semi-infinite optimization. *EJOR*, Vol. 227, 2013, pp. 12-21, DOI: 10.1016/j.ejor.2012.09.006.
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19. Martinez Legaz J.E., Todorov M.I., Zetina C. Gamma-active constraints in convex semi-infinite programming. *Numerical Functional Analysis and Optimization*, 35:1078–1094, 2014.
20. Iusem A., J. E. Martínez-Legaz and Todorov M.I. Motzkin predecomposable sets. *Journal of Global Optimization: Volume 60, Issue 4* (2014), pp. 635-647, DOI: 10.1007/s10898-013-0097-3.
21. Todorov M.I. On metric regularity of Voronoy cells. *Compt. Rend. Acad. Bulg. Sci.*, Tome 67, No 7, 2014, pp. 903-906.
22. Goberna M.A., Guerra F., Todorov M.I. Constraint qualifications in convex vector semi-infinite optimization. *EJOR*, 249 (2016), pp. 32-40, DOI:10.1016/j.ejor.2015.08.062.

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REVIEWED PAPERS IN PROCEEDINGS

1. Todorov M.I. New concepts of active constraints and applications: A review. *Temas de Teoría de Aproximación II*. Miguel Jiménez and Jorge Bustamante Eds., ISBN: 978 968 9282 41 2, (2007), pp. 163-192.
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4. E. González, Todorov M.I. A refined numerical method for solving linear inequality systems. *Mathematics, its applications and mathematical education (MAME'14): Proceedings of the Fifth International Conference*, Ulan-Ude: Publishing Department of the East- Siberian State University of Technology, 2014, ISBN: 978-5-89230-504-4, pp. 358-363.

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1. Todorov M.I. *Linear Inequality Systems: Qualitative Stability and New Concepts of Active Constraints*. Monografías del IMCA No. 54, Editorial HOZLO S.R.L., 2010, ISBN: 978-9972-242-43-4.

THESISSES

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