



Author Citations for Maxim Ivanov Todorov

Maxim Ivanov Todorov is cited 211 times by 75 authors
in the MR Citation Database

Most Cited Publications

Citations	Publication
43	MR1410698 (97h:90070) Goberna, M. A.; Lopez, M. A.; Todorov, M. Stability theory for linear inequality systems. <i>SIAM J. Matrix Anal. Appl.</i> 17 (1996), no. 4, 730–743. (Reviewer: Pierre Loridan) 90C31 (15A39 90C08 90C34)
29	MR1722135 (2000i:90088) Cánovas, M. J.; López, M. A.; Parra, J.; Todorov, M. I. Stability and well-posedness in linear semi-infinite programming. <i>SIAM J. Optim.</i> 10 (1999), no. 1, 82–98. (Reviewer: Sven-Åke Gustafson) 90C31 (90C22)
22	MR1479618 (98m:90152) Goberna, M. A.; López, M. A.; Todorov, M. I. Stability theory for linear inequality systems. II. Upper semicontinuity of the solution set mapping. <i>SIAM J. Optim.</i> 7 (1997), no. 4, 1138–1151. (Reviewer: Pierre Loridan) 90C31 (15A39 90C08 90C34)
12	MR1620791 (99i:90102) Helbig, S.; Todorov, M. I. Unicity results for general linear semi-infinite optimization problems using a new concept of active constraints. <i>Appl. Math. Optim.</i> 38 (1998), no. 1, 21–43. (Reviewer: Jan Rückmann) 90C34 (49M39 90C29)
10	MR1852509 (2002g:90108) Cánovas, M. J.; López, M. A.; Parra, J.; Todorov, M. I. Solving strategies and well-posedness in linear semi-infinite programming. Optimization with data perturbations, II. <i>Ann. Oper. Res.</i> 101 (2001), 171–190. 90C31 (90C34)
10	MR2312304 (2008a:90048) Goberna, M. A.; Gómez, S.; Guerra, F.; Todorov, M. I. Sensitivity analysis in linear semi-infinite programming: perturbing cost and right-hand-side coefficients. <i>European J. Oper. Res.</i> 181 (2007), no. 3, 1069–1085. (Reviewer: Jan Rückmann) 90C31 (90C34)
8	MR2048152 (2004m:90081) Goberna, M. A.; López, M. A.; Todorov, M. I. Extended active constraints in linear optimization with applications. <i>SIAM J. Optim.</i> 14 (2003), no. 2, 608–619. 90C05 (90C34)
8	MR0855443 (87k:90258) Todorov, Maxim Ivanov Generic existence and uniqueness of the solution to linear semi-infinite optimization problems. <i>Numer. Funct. Anal. Optim.</i> 8 (1985/86), no. 5-6, 541–556. (Reviewer: Heinz Voigt) 90C31 (49D39)
~	MR1845936 (2002j:90080) Goberna, M. A.; López, M. A.; Todorov, M. I. On the stability of the feasible set in linear optimization. Wellposedness in

8	optimization and related topics (Gargnano, 1999). Set-Valued Anal. 9 (2001), no. 1-2 , 75–99. (Reviewer: Sien Deng) 90C31 (15A39 90C34)
7	MR2136330 (2006b:90083) Goberna, M. A.; López, M. A.; Todorov, M. I. The stability of closed-convex-valued mappings and the associated boundaries. J. Math. Anal. Appl. 306 (2005), no. 2 , 502–515. (Reviewer: Zili Wu) 90C31 (49J52)
7	MR2576065 (2011e:52011) Goberna, M. A.; González, E.; Martínez-Legaz, J. E.; Todorov, M. I. Motzkin decomposition of closed convex sets. J. Math. Anal. Appl. 364 (2010), no. 1 , 209–221. 52A39 (90C05 90C22)
6	MR2004281 (2004e:90139) Goberna, Miguel A.; López, Marco A.; Todorov, Maxim I. A generic result in linear semi-infinite optimization. Appl. Math. Optim. 48 (2003), no. 3 , 181–193. (Reviewer: Bixiang Wang) 90C34 (90C31)
5	MR1715000 (2000i:90102) Goberna, M. A.; Jornet, V.; Puente, R.; Todorov, M. I. Analytical linear inequality systems and optimization. J. Optim. Theory Appl. 103 (1999), no. 1 , 95–119. (Reviewer: Jan Rückmann) 90C34
4	MR0981277 (90b:90085) Christov, Georgi; Todorov, Maxim Semi-infinite optimization. Existence and uniqueness of the solution. Math. Balkanica (N.S.) 2 (1988), no. 2-3 , 182–191. (Reviewer: Massimo Pappalardo) 90C05
3	MR2678880 (2011g:90110) Goberna, M. A.; Martínez-Legaz, J. E.; Todorov, M. I. On Motzkin decomposable sets and functions. J. Math. Anal. Appl. 372 (2010), no. 2 , 525–537. 90C05 (90C29)
3	MR1341506 (96f:90119) Goberna, M. A.; Lopez, M. A.; Todorov, M. Unicity in linear optimization. J. Optim. Theory Appl. 86 (1995), no. 1 , 37–56. (Reviewer: Günther Nürnberger) 90C34 (49J52 90C31)
3	MR2024096 (2004h:90077) Goberna, M. A.; López, M. A.; Todorov, M. I. A sup-function approach to linear semi-infinite optimization. Optimization and related topics, 4. J. Math. Sci. (N. Y.) 116 (2003), no. 4 , 3359–3368. (Reviewer: Hubertus Th. Jongen) 90C32
2	MR3018836 Goberna, M. A.; Guerra-Vazquez, F.; Todorov, M. I. Constraint qualifications in linear vector semi-infinite optimization. European J. Oper. Res. 227 (2013), no. 1 , 12–21. (Reviewer: Sorin-Mihai Grad) 90C34 (90C46)
2	MR0989540 (90e:90149) Todorov, Maxim Ivanov Uniqueness of the saddle points for most of the Lagrange functions of the linear semi-infinite optimization. Numer. Funct. Anal. Optim. 10 (1989), no. 3-4 , 367–382. (Reviewer: R. Tichatschke) 90C48 (65K05)
2	MR1939649 (2003i:90095) Gómez, S.; Lancho, A.; Todorov, M. Stability in convex semi-infinite optimization. C. R. Acad. Bulgare Sci. 55 (2002), no. 11 , 23–26. 90C34 (49J52 90C31)
2	MR2400369 (2009b:90164) Goberna, M. A.; Todorov, M. I. Generic primal-dual solvability in continuous linear semi-infinite programming. Optimization 57 (2008), no. 2 , 239–248. (Reviewer: Constantin Zălinescu) 90C34 (49K40 90C31)
2	MR2362710 (2008j:90069) Goberna, M. A.; Todorov, M. I. Primal, dual and primal-dual partitions in continuous linear optimization. Optimization 56 (2007), no. 5-6 , 617–628. (Reviewer: Yunbin Zhao) 90C05 (90C31 90C34)
	MR2676754 (2011e:90110) Goberna, M. A.; Terlaky, T.; Todorov, M. I.

2	Sensitivity analysis in linear semi-infinite programming via partitions. Math. Oper. Res. 35 (2010), no. 1 , 14–26. (Reviewer: Oliver Stein) 90C34 (49K40 90C31)
2	MR3003962 Goberna, M. A.; Iusem, A.; Martínez-Legaz, J. E.; Todorov, M. I. Motzkin decomposition of closed convex sets via truncation. J. Math. Anal. Appl. 400 (2013), no. 1 , 35–47. (Reviewer: Monica Bianchi) 90C31 (49J53)
1	MR2219148 (2007d:90056) Goberna, Miguel A.; Todorov, Maxim I.; Vera de Serio, Virginia N. On the stability of convex-valued mappings and their relative boundary and extreme points set mappings. SIAM J. Optim. 17 (2006), no. 1 , 147–158. (Reviewer: Marco Antonio López-Cerdá) 90C08 (49K40 90C29)
1	MR2421276 (2009h:90076) Goberna, Miguel A.; Todorov, Maxim I. Primal-dual stability in continuous linear optimization. Math. Program. 116 (2009), no. 1-2, Ser. B , 129–146. (Reviewer: Virginia N. Vera de Serio) 90C34 (49K40 90C31)
1	MR2195829 Hernandez, L.; Todorov, M. I. Examples of bad phenomena of the dual problems and generic results in parametric linear semi-infinite optimization. C. R. Acad. Bulgare Sci. 58 (2005), no. 11 , 1247–1250. 90C34 (49K40 90C31)
1	MR2884976 (2012j:90188) González-Gutiérrez, Enrique; Hernandez Rebollar, Lidia A.; Todorov, Maxim I. Under and over projection methods for solving linear inequality systems. C. R. Acad. Bulgare Sci. 64 (2011), no. 6 , 785–790. 90C34 (15A06 65K05 90C05)
1	MR2917227 Goberna, M. A.; Todorov, M. I.; Vera de Serio, V. N. On stable uniqueness in linear semi-infinite optimization. J. Global Optim. 53 (2012), no. 2 , 347–361. (Reviewer: Qinghong Zhang) 90C05 (90C34)
1	MR2837782 (2012i:65109) González-Gutiérrez, E.; Hernandez Rebollar, L.; Todorov, Maxim I. Rate of convergence of a class of numerical methods solving linear inequality systems. Optimization 60 (2011), no. 7 , 947–957. (Reviewer: Béla Uhrin) 65K05 (90C05)
1	MR1624938 (99i:90104) Todorov, Maxim I. Necessary and sufficient conditions for global lower semicontinuity in linear semi-infinite optimization. Numer. Funct. Anal. Optim. 19 (1998), no. 3-4 , 415–429. (Reviewer: Sven-Åke Gustafson) 90C34 (65K05 90C31)
1	MR2886599 González-Gutiérrez, E.; Todorov, M. I. A relaxation method for solving systems with infinitely many linear inequalities. Optim. Lett. 6 (2012), no. 2 , 291–298. (Reviewer: David Bartl) 90C05 (15A39 90C34)
1	MR2772195 (2012c:90162) Goberna, M. A.; Lancho, G. A.; Todorov, M. I.; Vera de Serio, V. N. On implicit active constraints in linear semi-infinite programs with unbounded coefficients. Appl. Math. Optim. 63 (2011), no. 2 , 239–256. (Reviewer: Oliver Stein) 90C34 (90C25 90C31 90C46 90C47)