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## Mathematical Reviews

### Review history of S. Kutateladze

## 187 total reviews

### 2020 (4 reviews)

- Nov 18 **MR4119690** Reich, Simeon; Zaslavski, Alexander J. Inexact descent methods for convex minimization problems in Banach spaces. *Carpathian J. Math.* **36** (2020), no. 1, 141--146. 90C25 (49M37 90C48)
- May 29 **MR4049562** Gordon, E. I. Some remarks about nonstandard methods in analysis. I. *Vladikavkaz. Mat. Zh.* **21** (2019), no. 4, 25--41. 03H05 (03E35 46A40)
- Mar 03 **MR4017743** Anh, Nguyen Le Hoang On higher-order sensitivity analysis of parametric Henig set-valued equilibrium problems. *Numer. Funct. Anal. Optim.* **40** (2019), no. 15, 1822--1839. 46N10 (49J53 49K40 54C60 90C29 90C31 90C48)
- Jan 31 **MR3981821** Khabibullin, B. N.; Rozit, A. P.; Khabibullina, È. B. Order versions of the Hahn-Banach theorem and envelopes. II. Applications in function theory. (Russian) *Complex analysis. Mathematical physics (Russian)*, 93--135, Itogi Nauki Tekh. Ser. Sovrem. Mat. Prilozh. Temat. Obz., 162, Vseross. Inst. Nauchn. i Tekhn. Inform. (VINITI), Moscow, 2019. 46A22 (31C05 32A40 32U05 46A40 46E05)

### 2019 (5 reviews)

- Dec 13 **MR3901986** Arutyunov, Aram V.; Zhukovskiy, Evgeny S.; Zhukovskiy, Sergey E. Caristi-like condition and the existence of minima of mappings in partially ordered spaces. *J. Optim. Theory Appl.* **180** (2019), no. 1, 48--61. 49J27 (06A06 49J52 65K10)
- Nov 18 **MR3987047** de Jeu, Marcel; van der Walt, Jan Harm On order continuous duals of vector lattices of continuous functions. *J. Math. Anal. Appl.* **479** (2019), no. 1, 581--607. 46A40 (46E05)
- Nov 04 **MR3982293** Sengupta, R.; Zhukovskiy, S. E. Minima of functions on  $(q_1, q_2)$ -quasimetric spaces. *Eurasian Math. J.* **10** (2019), no. 2, 84--92. 49J27 (49K27 58E30)
- Aug 29 **MR3955788** Luan, Nguyen Ngoc Efficient solutions in generalized linear vector optimization. *Appl. Anal.* **98** (2019), no. 9, 1694--1704. 90C25 (52A07 52B12 90C05 90C48)
- Jul 18 **MR3925303** Krutikov, V. N.; Samoilenko, N. S.; Meshechkin, V. V. On the properties of a convex function minimization method that is relaxational with respect to distance to the extremum. (Russian) ; translated from *Avtomat. i Telemekh.* **2019**, , no. 1, 126--137 *Autom. Remote Control* **80** (2019), no. 1, 102--111 90C55 (65K05 90C25)

### 2018 (10 reviews)

- Nov 07 **MR3826901** Orlov, I. V. Generalized Hamel basis and basis extension in convex cones and uniquely divisible semigroups. *Eurasian Math. J.* **9** (2018), no. 1, 69--82. 52A01 (20M14 46A55 47L07)

- Oct 09 **MR3814691** Yao, Cnaoii; Li, Snengjie vector topical function, abstract convexity and image space analysis. *J. Optim. Theory Appl.* **177** (2018), no. 3, 717--742. 90C29 (90C30 90C48)
- Oct 05 **MR3818551** Seeger, Alberto; Torki, Mounir Measuring axial symmetry in convex cones. *J. Convex Anal.* **25** (2018), no. 3, 983--1011. 52A20 (47L07 52A40 52A41)
- Sep 22 **MR3818162** Li, G. H.; Li, S. J.; You, M. X. Relationships between the oriented distance functional and a nonlinear separation functional. *J. Math. Anal. Appl.* **466** (2018), no. 1, 1109--1117. 49J52 (49J53 90C29 90C48)
- Aug 13 **MR3799750** Koszmider, Piotr Uncountable equilateral sets in Banach spaces of the form  $C(K)$ . *Israel J. Math.* **224** (2018), no. 1, 83--103. 46B20 (03E05 03E50 54C35)
- Jul 02 **MR3779768** Gao, Ji The introduction of new modulus  $\zeta_X(\varepsilon)$ , uniform non-squareness and uniform normal structure in Banach spaces. *Rev. Roumaine Math. Pures Appl.* **63** (2018), no. 1, 49--59. 46B20 (52A07)
- May 02 **MR3743409** Teplitskaya, Ya. Regularity of the minimizers of a maximum distance functional. (Russian) ; translated from *Zap. Nauchn. Sem. S.-Peterburg. Otdel. Mat. Inst. Steklov. (POMI)* **462** (2017), Teoriya Predstavlenii, Dinamicheskie Sistemy, Kombinatornye Metody. XXVIII, 103--111 *J. Math. Sci. (N.Y.)* **232** (2018), no. 2, 164--169 52A40 (49N60)
- May 02 **MR3745215** Kimura, Yasunori An approximation method with nonsummable errors for convex minimization problems. *Linear Nonlinear Anal.* **3** (2017), no. 3, 401--407. 90C25 (47J25 90C48)
- Mar 24 **MR3733998** Köbis, Elisabeth Set optimization by means of variable order relations. *Optimization* **66** (2017), no. 12, 1991--2005. 90C29 (49K27 90C48)
- Feb 05 **MR3684715** Kamenev, G. K. A multicriteria identification and forecasting method. (Russian) ; translated from *Mat. Model.* **29** (2017), no. 8, 29--43 *Math. Models Comput. Simul.* **10** (2018), no. 2, 154--163 90C29 (93B30)

## 2017 (5 reviews)

- Nov 21 **MR3620403** Nevskii, M. V.; Ukhalov, A. Yu. New estimates for numerical values related to a simplex. (Russian) *Model. Anal. Inf. Sist.* **24** (2017), no. 1, 94--110. 52A20
- Jun 21 **MR3609293** Kuterin, F. A.; Sumin, M. I. Stable iterative Lagrange principle in convex programming as a tool for solving unstable problems. *Comput. Math. Math. Phys.* **57** (2017), no. 1, 71--82. 90C25 (90C31 90C48)
- Apr 13 **MR3570554** Kusraeva, Z. A. Characterization and multiplicative representation of homogeneous polynomials that preserve disjointness. (Russian) *Vladikavkaz. Mat. Zh.* **18** (2016), no. 1, 51--62. 47B65 (46A40 47H07)
- Mar 28 **MR3507418** Pernaï, V. V. On the complexity of the family of convex sets in  $\mathbb{R}^d$ . (Russian) ; translated from *Mat. Zametki* **99** (2016), no. 4, 537--549 *Math. Notes* **99** (2016), no. 3-4, 534--544 47L07 (40A05 40H05 52A21)
- Feb 22 **MR3525628** Gasnikov, A. V.; Dvurechenskiï, P. E. The stochastic intermediate gradient method for convex optimization problems. (Russian) ; translated from *Dokl. Akad. Nauk* **467** (2016), no. 2, 131--134 *Dokl. Math.* **93** (2016), no. 2, 148--151 90C25 (90C56)

## 2016 (8 reviews)

- Dec 28 **MR3520900** Postolică, Vasile Efficiency in infinite dimensional ordered vector spaces. *ROMAI J.* **11** (2015), no. 2, 25--49. 90C29 (90C48 91B50)
- Dec 19 **MR3517072** Lee, Gue Myung; Lee, Jae Hyoung On solution set for convex optimization problem with convex integrable objective function and geometric constraint set. *J. Chungcheong Math. Soc.* **29** (2016), no. 1, 29--35. 90C25 (90C48)
- Oct 26 **MR3492894** Kusraev, A. G. A Boolean-valued transfer principle for injective Banach lattices. (Russian) ; translated from *Sibirsk. Mat. Zh.* **56** (2015), no. 5, 1105--1123 *Sib. Math. J.* **56** (2015), no. 5, 888--900 46B42 (03C90 03E40 46S20)
- Sep 22 **MR3504397** Florea, Elena-Andreea Coderivative necessary optimality conditions for sharp and robust efficiencies in vector optimization with variable ordering structure. *Optimization* **65** (2016), no. 7, 1417--1435. 90C48 (49J52 90C29)

- Aug 29 **MR3475123** Zaboltn, I. Ya.; Shul'gina, O. N.; Yaruslin, R. S. A cutting method and construction of mixed minimization algorithms based on it. (Russian) *Uch. Zap. Kazan. Univ. Ser. Fiz.-Mat. Nauki* **156** (2014), no. 4, 14--24. 90C25 (90C59)
- Jul 29 **MR3468084** Amirkhanova, G. A.; Golikov, A. I.; Evtushenko, Yu. G. On an inverse linear programming problem. (Russian) ; translated from *Tr. Inst. Mat. Mekh.* **21** (2015), no. 3, 13--19 *Proc. Steklov Inst. Math.* **295** (2016), suppl. 1, S21--S27 90C05 (90C31)
- May 31 **MR3445550** Bauschke, Heinz H.; Iorio, Francesco; Koch, Valentin R. The method of cyclic intrepid projections: convergence analysis and numerical experiments. *The impact of applications on mathematics*, 187--200, Math. Ind. (Tokyo), 1, Springer, Tokyo, 2014. 90C25 (65K05 90C48)
- Apr 11 **MR3409515** Wolff, Manfred P. H. Banach spaces and linear operators. *Nonstandard analysis for the working mathematician*, 107--162, Springer, Dordrecht, 2015. 03H05 (46S20 47S20)

## 2015 (7 reviews)

- Nov 13 **MR3363381** Erokhin, V. I.; Krasnikov, A. S.; Khvostov, M. N. On sufficient conditions for the solvability of linear programming problems under matrix correction of their constraints. (Russian) *Tr. Inst. Mat. Mekh.* **19** (2013), no. 2, 144--156. 90C05
- Aug 03 **MR3346200** Balashov, M. V. Antidistance and antiprojection in the Hilbert space. *J. Convex Anal.* **22** (2015), no. 2, 521--536. 46B20
- Jul 23 **MR3341664** Newhall, Joseph; Goodrich, Robert K. On the density of Henig efficient points in locally convex topological vector spaces. *J. Optim. Theory Appl.* **165** (2015), no. 3, 753--762. 90C29 (46A03 46N10 90C48)
- Jul 21 **MR3336906** García-Pacheco, F. J. Convex components and multi-slices in real topological vector spaces. *Ann. Funct. Anal.* **6** (2015), no. 3, 73--86. 46B22 (46A55 46B20)
- Jun 15 **MR3319700** Soleimani, Behnam; Tammer, Christiane Concepts for approximate solutions of vector optimization problems with variable order structures. *Vietnam J. Math.* **42** (2014), no. 4, 543--566. 90C29 (58E17 65K10 90C48)
- May 28 **MR3293545** Grzybowski, J.; Kalcsics, J.; Nickel, S.; Pallaschke, D.; Urbański, R. On topological types of ordered median functions. *Optimization* **64** (2015), no. 1, 149--160. 90C47 (26B40 90B80 90B85)
- Apr 02 **MR3284334** Kochubei, Anatoly N. Non-Archimedean group algebras with Baer reductions. *Algebr. Represent. Theory* **17** (2014), no. 6, 1861--1867. 47S10 (22D15 43A99 47L10)

## 2014 (10 reviews)

- Dec 22 **MR3261428** Gao, Ying; Yang, Xinmin; Yang, Jin; Yan, Hong Scalarizations and Lagrange multipliers for approximate solutions in the vector optimization problems with set-valued maps. [[Scalarizations and Lagrange multipliers for approximate solutions in the vector optimization problems with set-valued maps]] *J. Ind. Manag. Optim.* **11** (2015), no. 2, 673--683. 90C29 (90C48 90C59)
- Dec 03 **MR3185732** Jayaraman, Sachindranath A note on self-dual cones in Hilbert spaces. *Extracta Math.* **28** (2013), no. 2, 225--233. 47B60 (15B48 47J07)
- Oct 29 **MR3221709** Capătă, Adela Elisabeta The convergence of Henig efficient solutions net for vector equilibrium problems. *Ann. Tiberiu Popoviciu Semin. Funct. Equ. Approx. Convexity* **11** (2013), 29--39. 90C33 (49K40 58E17)
- Sep 18 **MR3198359** Tian, Ming; Huang, Li-Hua A general approximation method for a kind of convex optimization problems in Hilbert spaces. *J. Appl. Math.* **2014**, Art. ID 156073, 9 pp. 90C25 (90C48)
- Jul 30 **MR3081212** Uderzo, A. On the Polyak convexity principle and its application to variational analysis. *Nonlinear Anal.* **91** (2013), 60--71. 49J53 (46A55 52A21 90C30 90C46)
- Jul 14 **MR3170555** Sumin, M. I. Stable sequential convex programming in a Hilbert space and its application for solving unstable problems. *Comput. Math. Math. Phys.* **54** (2014), no. 1, 22--44. 90C31 (49K40 90C25 90C48)
- Jun 12 **MR3175541** Hosseini, Alireza; Hosseini, S. Mohammad; Soleimani-damaneh, M. A differential inclusion-based approach for solving nonsmooth convex optimization problems. *Optimization* **62** (2013), no. 9, 1203--1226. 90C25 (34A60 49J52)

- May 08 **MR3138369** Ball, Joseph A.; Guerra Huaman, Moises D. Convexity analysis and the matrix-valued Schur class over finitely connected planar domains. *J. Operator Theory* **70** (2013), no. 2, 531--571. 46A55 (47A48)
- Apr 11 **MR3129339** Hu, X. F.; Wang, L. N. Lagrangian duality for multiobjective programming problems in lexicographic order. *Abstr. Appl. Anal.* **2013**, Art. ID 573408, 6 pp. 90B50 (90C25 90C29 90C46)
- Mar 27 **MR3123831** Bello Cruz, J. Y. A subgradient method for vector optimization problems. *SIAM J. Optim.* **23** (2013), no. 4, 2169--2182. 90C29 (90C25)

## 2013 (5 reviews)

- Dec 09 **MR3062227** Đuranović-Miličić, Nada I.; Gardašević-Filipović, Milanka On an algorithm in nondifferential convex optimization. *Yugosl. J. Oper. Res.* **23** (2013), no. 1, 59--71. 90C25 (49J52)
- Aug 15 **MR3034438** Capraro, Valerio; Fritz, Tobias On the axiomatization of convex subsets of Banach spaces. *Proc. Amer. Math. Soc.* **141** (2013), no. 6, 2127--2135. 52A01 (46A55 52A05)
- May 13 **MR3000566** Moser, Bernhard A. Geometric characterization of Weyl's discrepancy norm in terms of its  $n$ -dimensional unit balls. *Discrete Comput. Geom.* **48** (2012), no. 4, 793--806. 52A07 (46B20 52B12 68W99 94A17)
- Apr 23 **MR2987850** Weis, Stephan A note on touching cones and faces. *J. Convex Anal.* **19** (2012), no. 2, 323--353. 52A10 (47L07 52A20)
- Feb 21 **MR2960802** Hernández, Elvira; Rodríguez-Marín, Luis; Sama, Miguel About Hahn-Banach extension theorems and applications to set-valued optimization. *Comput. Math. Appl.* **64** (2012), no. 6, 1778--1788. 46A22 (90C29 90C48)

## 2012 (7 reviews)

- Nov 08 **MR2915589** Levy, Adam B. Hull-volume with applications to convergence analysis. *J. Optim. Theory Appl.* **153** (2012), no. 3, 633--649. 65K15 (05E45 52A38 52B05 90C57)
- Sep 04 **MR2885320** Eichfelder, Gabriele Variable ordering structures in vector optimization. *Recent developments in vector optimization*, 95--126, Vector Optim., Springer, Berlin, 2012. 90C29 (49M37)
- Jun 04 **MR2861512** Wang, Qilin; Yu, Guolin Second-order optimality conditions for set-valued optimization problems under Benson proper efficiency. *Abstr. Appl. Anal.* **2011**, Art. ID 432963, 16 pp. 49K27 (49J52 90C29 90C48)
- May 22 **MR2858309** Chuong, Thai Doan; Mordukhovich, B. S.; Yao, Jen-Chih Hybrid approximate proximal algorithms for efficient solutions in vector optimization. *J. Nonlinear Convex Anal.* **12** (2011), no. 2, 257--286. 90C29 (47J25 49J40 49M37 90C48)
- Mar 23 **MR2856746** Linke, Yu. È. Universal spaces of subdifferentials of sublinear operators with values in the cone of bounded lower semicontinuous functions. (Russian) ; translated from *Mat. Zametki* **89** (2011), no. 4, 547--557 *Math. Notes* **89** (2011), no. 3-4, 519--527 49J52 (47A62)
- Mar 14 **MR2841500** Bykov, Yu. V. Lattices, invariant with respect to finite linear groups, in a one-dimensional quaternionic linear space. (Russian) ; translated from *Mat. Zametki* **89** (2011), no. 1, 122--126 *Math. Notes* **89** (2011), no. 1-2, 133--137 11H99 (11R52)
- Jan 09 **MR2814377** Simon, Barry Convexity. An analytic viewpoint. Cambridge Tracts in Mathematics, 187. Cambridge University Press, Cambridge, 2011. x+345 pp. ISBN: 978-1-107-00731-4 46-02 (46A55 46E30 52A01 52A07)

## 2011 (2 reviews)

- Sep 22 **MR2777958** Gupta, S. K.; Kailey, N.; Sharma, M. K. Multiobjective second-order nondifferentiable symmetric duality involving  $(F, \alpha, \rho, d)$ -convex functions. *J. Appl. Math. Inform.* **28** (2010), no. 5-6, 1395--1408. 90C29 (90C46)
- May 10 **MR2650832** Németh, S. Z. Isotone retraction cones in Hilbert spaces. *Nonlinear Anal.* **73** (2010), no. 2, 495--499. 46C99 (46A40 46B42 47H07 47N10)

## 2010 (3 reviews)

- Oct 20 **MR2642915** Bonnans, J. Frederic; Lebelie, Marc Explicit polyhedral approximation of the Euclidean ball. *RAIRO Oper. Res.* **44** (2010), no. 1, 45--59. 90C05 (90C10)
- Sep 07 **MR2588090** Orlov, I. V.; Stonyakin, F. S. Compact subdifferentials: the finite increment formula and related results. (Russian) ; translated from *Sovrem. Mat. Fundam. Napravl.* **34** (2009), 121--138 *J. Math. Sci. (N.Y.)* **170** (2010), no. 2, 251--269 49J52 (26A24 49J53)
- Mar 24 **MR2530076** Lael, Fatemeh; Nourouzi, Kourosh Compact operators defined on 2-normed and 2-probabilistic normed spaces. *Math. Probl. Eng.* **2009**, Art. ID 950234, 17 pp. 47S50 (46S50 47B07)

## 2009 (3 reviews)

- Oct 08 **MR2500126** Golubyatnikov, V. P. On the convexity of a domain with two convex tomographic projections. (Russian) *Mat. Tr.* **11** (2008), no. 2, 107--114. 52A10 (52A07)
- Jul 16 **MR2465304** Rezaie, M.; Zafarani, J. Vector optimization and variational-like inequalities. *J. Global Optim.* **43** (2009), no. 1, 47--66. 90C29 (47H05 47J20 49J40 49J52 52A41)
- Apr 09 **MR2442917** Boț, Radu Ioan; Grad, Anca; Wanka, Gert Sequential characterization of solutions in convex composite programming and applications to vector optimization. *J. Ind. Manag. Optim.* **4** (2008), no. 4, 767--782. 90C25 (90C29 90C48)

## 2008 (4 reviews)

- Sep 17 **MR2399469** Zinchenko, Yuriy On hyperbolicity cones associated with elementary symmetric polynomials. *Optim. Lett.* **2** (2008), no. 3, 389--402. 52A40 (90C25)
- Jul 17 **MR2383785** Bukhtoyarov, S. E. On the strong stability of a vector combinatorial problem with a majority principle of optimization. (Russian) *Vestn. Beloruss. Gos. Univ. Ser. 1 Fiz. Mat. Inform.* **2007**, no. 1, 130--134, 140. 90C29 (90C27)
- Apr 29 **MR2352413** Kanovei, V. G.; Lyubetskii, V. A. Problems of set-theoretic nonstandard analysis. (Russian) ; translated from *Uspekhi Mat. Nauk* **62** (2007), no. 1(373), 51--122 *Russian Math. Surveys* **62** (2007), no. 1, 45--111 03H05 (03C90 46S20 54J05)
- Mar 07 **MR2335568** Gabidullina, Z. R. A theorem on the separability of a convex polyhedron from zero of the space, and its applications to optimization. (Russian) ; translated from *Izv. Vyssh. Uchebn. Zaved. Mat.* **2006**, , no. 12, 21--26 *Russian Math. (Iz. VUZ)* **50** (2006), no. 12, 18--23 (2007) 90C05 (52A20 90C25)

## 2007 (1 review)

- Jul 16 **MR2271644** Dung, Le Anh; Tan, Do Hong Some applications of the KKM-mapping principle in hyperconvex metric spaces. *Nonlinear Anal.* **66** (2007), no. 1, 170--178. 49J35 (47H10 52A41 90C47)

## 2006 (2 reviews)

- Sep 29 **MR2233999** Guerraggio, Angelo; Luc, Dinh The Properly maximal points in product spaces. *Math. Oper. Res.* **31** (2006), no. 2, 305--315. 90C29 (52A41)
- May 02 **MR2192371** Popovici, Nicolae Structure of efficient sets in lexicographic quasiconvex multicriteria optimization. *Oper. Res. Lett.* **34** (2006), no. 2, 142--148. 90C29 (52A41)

## 2005 (6 reviews)

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- Jul 29 **MR2131742** Zykina, A. V. Generalized solution for an interactive procedure. (Russian) ; translated from *Kibernet. Sistem. Anal.* **40** (2004), no. 2, 153--161, 191 *Cybernet. Systems Anal.* **40** (2004), no. 2, 277--283 90C29 (90C31)
- Apr 19 **MR2105454** Marsh, M. M. A note on generalized Farkas alternatives. Spring Topology and Dynamical Systems Conference. *Topology Proc.* **28** (2004), no. 1, 153--162. 90C05 (46C05 46N10 54H13 90C46)

- Mar 15 **MR2098079** Fujishige, Satoru Dual greedy polyhedra choice functions, and abstract convex geometries. *Discrete Optim.* **1** (2004), no. 1, 41--49. 90C57 (52A40 90C05)
- Feb 07 **MR2082826** Basaeva, E. K. Necessary conditions for the extremum in vector quasi-differentiable programs. (Russian) *Vladikavkaz. Mat. Zh.* **6** (2004), no. 1, 13--25. 90C29 (49J52 90C46)
- Jan 03 **MR2082832** Kusraev, A. G.; Tabuev, S. N. On bilinear operators that preserve disjunction. (Russian) *Vladikavkaz. Mat. Zh.* **6** (2004), no. 1, 58--70. 47B65 (46B42)

## 2004 (5 reviews)

- Dec 07 **MR2070134** Gadhi, N.; Metrane, A. Optimality conditions for D.C. vector optimization problems under D.C. constraints. *Serdica Math. J.* **30** (2004), no. 1, 17--32. 90C29 (49K30)
- Sep 02 **MR2048290** Basaeva, E. K.; Kusraev, A. G. On the quasi-differential of a composition. (Russian) *Vladikavkaz. Mat. Zh.* **5** (2003), no. 4, 10--25. 49J52 (46A19 46A40 46G05 90C48)
- Feb 05 **MR2006526** Fu, J. Y.; Wang, Y. H. Arcwise connected cone-convex functions and mathematical programming. *J. Optim. Theory Appl.* **118** (2003), no. 2, 339--352. 90C29 (90C46)
- Feb 04 **MR1999912** Burton, G. R. Contracting the maximal points of an ordered convex set. *J. Convex Anal.* **10** (2003), no. 1, 255--264. 90C29 (46B20)
- Feb 03 **MR1992987** Eberhard, A.; Ralph, D. Rank-1 representers. Optimization and related topics, 2. *J. Math. Sci. (N.Y.)* **115** (2003), no. 5, 2653--2700. 49J52 (46B99 46G99 46N10 90C48)

## 2003 (2 reviews)

- May 07 **MR1945876** Emel'yanov, S. V.; Korovin, S. K.; Bobylev, N. A. On the convexity of images of convex sets under smooth mappings. (Russian) *Dokl. Akad. Nauk* **385** (2002), no. 3, 302--304. 49J53 (26A51 90C25)
- Jan 15 **MR1906166** Arutyunov, A. V.; Burkov, V. N.; Zalozhnev, A. Yu.; Karamzin, D. Yu. A problem of the optimal allocation of resources over a set of independent operations. (Russian) ; *translated from Avtomat. i Telemekh.* **2002**, , no. 5, 108--119 *Autom. Remote Control* **63** (2002), no. 5, 792--802 49J10 (90B50)

## 2002 (1 review)

- Apr 10 **MR1865522** De Cecco, Giuseppe; Palmieri, Giuliana Asymptotically equal generalized distances: induced topologies and  $\phi$ -energy of a curve. *Beiträge Algebra Geom.* **42** (2001), no. 2, 325--339. 49J10 (58E99)

## 2001 (5 reviews)

- Nov 05 **MR1824657** Propoĭ, A. I. Nonlocal search in wave media in the energy representation. I. (Russian) ; *translated from Avtomat. i Telemekh.* **2000**, , no. 2, 97--106 *Autom. Remote Control* **61** (2000), no. 2, part 1, 265--274 90C30 (49N90)
- Nov 05 **MR1830019** Propoĭ, A. I. Nonlocal search in wave media in the energy representation. II. (Russian) ; *translated from Avtomat. i Telemekh.* **2000**, , no. 3, 114--122 *Autom. Remote Control* **61** (2000), no. 3, part 2, 463--471 90C30 (49N90)
- Oct 18 **MR1823823** Salukvadze, M.; Topchishvili, A.; Maisuradze, V. General duality principle in nonscalar optimization. Basic and conjugate problems. *Bull. Georgian Acad. Sci.* **162** (2000), no. 3, 440--444. 90C29 (46N10 49N15)
- Jul 26 **MR1810573** Hoang Xuan Phu; Phan Thanh An Outer  $\gamma$ -convexity in normed linear spaces. *Vietnam J. Math.* **27** (1999), no. 4, 323--334. 90C48 (46B20 46N10 90C25)
- Jan 31 **MR1767060** Borwein, D.; Borwein, J. M.; Maréchal, P. Surprise maximization. *Amer. Math. Monthly* **107** (2000), no. 6, 517--527. 00A08 (03B48 90C90)

## 2000 (2 reviews)

May 01 **MR1723734** Komuro, Naoto Facial structure of convex sets and representation of convex operators. *J. Hokkaido Univ. Educ. Nat. Sci.* **50** (1999), no. 1, 1--4. 47H99 (46A55 49J10 52A41)

Apr 27 **MR1712052** Stoyan, Yu. G.; Gil', N. I. Conditions for the mutual nonintersection of polyhedral bodies. (Russian) *Dopov. Nats. Akad. Nauk Ukr. Mat. Prirodozn. Tekh. Nauki* **1999**, no. 2, 112--117. 65D18 (52B10 68U05)

#### 1999 (3 reviews)

Jul 26 **MR1666963** Cel, J. Geometric-combinatorial characteristics of cones. *Note Mat.* **16** (1996), no. 1, 59--76 (1998). 52A07

Jun 07 **MR1642295** Andreev, N. N. Location of points on a sphere with minimal energy. (Russian) ; translated from *Tr. Mat. Inst. Steklova* **219** (1997), Teor. Priblizh. Garmon. Anal., 27--31 *Proc. Steklov Inst. Math.* **1997**, no. 4(219), 20--24 52C10

Mar 15 **MR1637347** Martínez-Legaz, Juan-Enrique; Singer, Ivan On  $\Phi$ -convexity of convex functions. *Linear Algebra Appl.* **278** (1998), no. 1-3, 163--181. 49N15 (49J52 52A41 90C25)

#### 1997 (1 review)

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