

KASSAY GÁBOR PUBLIKÁCIÓI

Összeállította: KÁSA ZOLTÁN

Cikkek

- [1] G. KASSAY: *Existența funcțiilor implicate în spații Banach-reflexive*, Seminarul “Theodor Angheluță”, Institutul Politehnic Cluj–Napoca, pp. 123–128 (1983).
- [2] G. KASSAY: *The proximal points algorithm for reflexive Banach spaces*, Studia Univ. Babeș–Bolyai, Mathematica, Vol. **30**, pp. 9–17 (1985).
- [3] G. KASSAY: *On solvability of nonlinear Hammerstein equations*, Babeș–Bolyai University Cluj, Seminar on Mathematical Analysis, Vol. **7**, pp. 93–100 (1985).
- [4] G. KASSAY: *A fixed point theorem for generalized contractive mappings*, Babeș–Bolyai University Cluj, Seminar on Mathematical Analysis, Vol. **7**, pp. 89–92 (1985).
- [5] G. KASSAY: *Normal convexity structure and fixed points in metric spaces*, Proceedings of the Conference on Differential Equations, Cluj, pp. 233–238 (1985).
- [6] G. KASSAY: *A characterization of reflexive Banach spaces with normal structure*, Bollettino della Unione Matematica Italiana, Vol. **5** No. **2**, pp. 273–276 (1986).
- [7] G. KASSAY: *On Takahashi's convexity and fixed points in metric spaces*, Babeș–Bolyai University Cluj, Seminar on Mathematical Analysis, Vol. **4** pp. 91–98 (1986).
- [8] G. KASSAY: *The asymptotic center and fixed points in metric spaces*, Babeș–Bolyai University Cluj, Seminar on Mathematical Analysis, Vol. **7** pp. 69–74 (1987).
- [9] G. KASSAY: *Stabilitatea soluțiilor pentru ecuații cu aplicații monotone*, Seminarul “Didactica Matematicii”, Cluj, Vol. **4**, pp. 115–118 (1987–1988).
- [10] G. KASSAY AND I. KOLUMBÁN: *Implicit function theorems for monotone mappings*, Babeș–Bolyai University Cluj, Seminar on Mathematical Analysis, Vol. **7**, pp. 7–24 (1988).
- [11] G. KASSAY: *On a fixed point theorem of W.A. Kirk*, Babeș–Bolyai University Cluj, Seminar on Fixed Point Theory, Vol. **3**, pp. 23–28 (1988).
- [12] G. KASSAY AND I. KOLUMBÁN: *Remarks on local stability of fixed points*, Itinerant Seminar on Functional Equations, Approximation and Convexity, Cluj, pp. 191–196 (1988).
- [13] G. KASSAY AND I. KOLUMBÁN: *On a theorem of Brezis-Nirenberg-Stampacchia*, Babeș–Bolyai University Cluj, Seminar on Optimization Theory, Vol. **8**, pp. 57–66 (1989).

- [14] G. KASSAY AND I. KOLUMBÁN: *Implicit functions and variational inequalities for monotone mappings*, Babeş–Bolyai University Cluj, Seminar on Mathematical Analysis, Vol. **7**, pp. 79–92 (1989).
- [15] G. KASSAY AND J. KOLUMBÁN: *On the constrained optimization*, Itinerant Seminar on Functional Equations, Approximation and Convexity, Cluj, pp. 181–190 (1989).
- [16] G. KASSAY: *Funcții vectoriale monotone*, Seminarul “Didactica Matematicii”, Cluj, Vol. **5**, pp. 149–151 (1989).
- [17] G. KASSAY AND I. KOLUMBÁN: *On the Knaster–Kuratowski–Mazurkiewicz and Ky Fan's theorems*, Babeş–Bolyai University Cluj, Seminar on Mathematical Analysis, Vol. **7**, pp. 87–100 (1990).
- [18] Z. BALOGH AND G. KASSAY: *On convexity of the implicit function*, Babeş–Bolyai University Cluj, Seminar on Mathematical Analysis, Vol. **7** pp. 77–82 (1990).
- [19] G. KASSAY: *On Brézis–Nirenberg–Stampacchia's minimax principle*, Babeş–Bolyai University Cluj, Seminar on Mathematical Analysis, Vol. **7**, pp. 101–106 (1991).
- [20] G. KASSAY: *A simple proof for König's minimax theorem*, Acta Mathematica Hungarica, Vol. **63** No. **4**, pp. 371–374 (1994). DOI: [10.1007/BF01874462](https://doi.org/10.1007/BF01874462)
- [21] G. KASSAY AND I. KOLUMBÁN: *On the generalized Minty's inequality*, Studia Univ. Babeş–Bolyai, Mathematica, Vol. **39**, pp. 37–45 (1994).
- [22] I. JOÓ AND G. KASSAY: *On saddle points of set-valued mappings*, Annales Univ. Sci. Budapest, Vol. **37**, pp. 209–214 (1994).
- [23] T. ILLÉS AND G. KASSAY: *Farkas type theorems for generalized convexities*, Pure Mathematics and Applications, Vol. **5** No. **2**, pp. 225–239 (1994).
- [24] I. JOÓ AND G. KASSAY: *Convexity, minimax theorems and their applications*, Annales Univ. Sci., Budapest, Vol. **38**, pp. 71–93 (1995).
- [25] T. ILLÉS AND G. KASSAY: *Perfect duality for K-convexlike programming problems*, Studia Univ. Babeş–Bolyai, Mathematica, Vol. **41**, pp. 69–78 (1996).
- [26] G. KASSAY AND J. KOLUMBÁN: *On a generalized sup–inf problem*, Journal of Optimization Theory and Applications, Vol. **91** No. **3**, pp. 651–670 (1996). DOI: [10.1007/BF02190126](https://doi.org/10.1007/BF02190126)
- [27] W.W. BRECKNER AND G. KASSAY: *A systematization of convexity concepts for sets and functions*, Journal of Convex Analysis, Vol. **4** No. **1**, pp. 109–127 (1997).
- [28] G. KASSAY AND Zs. PÁLES: *A localized version of Ky Fan's minimax inequality*, Nonlinear Analysis: Theory, Methods and Applications, Vol. **35** No. **4**, pp. 505–515 (1999). DOI: [10.1016/S0362-546X\(97\)00700-1](https://doi.org/10.1016/S0362-546X(97)00700-1)
- [29] T. ILLÉS AND G. KASSAY: *Theorems of the alternative and optimality conditions for convexlike and general convexlike programming*, Journal of Optimization Theory and Applications, Vol. **101** No. **2**, pp. 243–257 (1999). DOI: [10.1023/A:1021781308794](https://doi.org/10.1023/A:1021781308794)
- [30] G. KASSAY, J. KOLUMBÁN AND Zs. PÁLES: *On Nash stationary points*, Publicationes Mathematicae Debrecen, Vol. **54** No. **3–4**, pp. 267–279 (1999).

- [31] J.B.G. FRENK AND G. KASSAY: *On classes of generalized convex functions*, Gordan–Farkas type theorems and Lagrangian duality, Journal of Optimization Theory and Applications, Vol. **102** No. **2**, pp. 315–343 (1999). DOI: [10.1023/A:1021780423989](https://doi.org/10.1023/A:1021780423989)
- [32] T. ILLÉS AND G. KASSAY: *Generalized Farkas theorems and their consequences*, in: New Trends in Operations Research (in memoriam Gyula Farkas), Eds: S. Komlósi, T. Szántai, Proceedings of the 23–rd Hungarian Operations Research Conference, Pécs, pp. 43–57 (1999).
- [33] G. KASSAY AND J. KOLUMBÁN: *System of multi-valued variational inequalities*, Publicationes Mathematicae Debrecen, Vol. **56** No. **1–2**, pp. 185–195 (2000).
- [34] G. KASSAY AND J. KOLUMBÁN: *Multivalued parametric variational inequalities with α -pseudomonotone maps*, Journal of Optimization Theory and Applications, Vol. **107** No. **1**, pp. 35–50 (2000). DOI: [10.1023/A:1004600631797](https://doi.org/10.1023/A:1004600631797)
- [35] G. KASSAY AND J. KOLUMBÁN: *Variational inequalities given by semi-pseudomonotone maps*, Nonlinear Analysis Forum (Korea), Vol. **5**, pp. 35–50 (2000).
- [36] G. KASSAY AND K. NIKODEM: *Lagrangian multiplier rule for set-valued optimization*, Nonlinear Analysis Forum (Korea), Vol. **6** No. **2**, pp. 363–369 (2001).
- [37] J.B.G. FRENK AND G. KASSAY: *Minimax results and finite dimensional separation*, Journal of Optimization Theory and Applications, Vol. **113** No. **2**, pp. 409–421 (2002). DOI: [10.1023/A:1014843327958](https://doi.org/10.1023/A:1014843327958)
- [38] L.J. LIN, Z.T. YU AND G. KASSAY: *Existence of equilibria for multivalued mappings and its applications to vectorial equilibria*, Journal of Optimization Theory and Applications, Vol. **114** No. **1**, pp. 189–208 (2002). DOI: [10.1023/A:1015420322818](https://doi.org/10.1023/A:1015420322818)
- [39] G. KASSAY, J. KOLUMBÁN AND Zs. PÁLES: *Factorization of Minty and Stampacchia variational inequality systems*, European Journal of Operational Research, Vol. **143** No. **2**, pp. 377–389 (2002). DOI: [10.1016/S0377-2217\(02\)00290-4](https://doi.org/10.1016/S0377-2217(02)00290-4)
- [40] J.B.G. FRENK, G. KASSAY AND J. KOLUMBÁN: *On Equivalent Results in Minimax Theory*, European Journal of Operational Research, Vol. **157** No. **1**, pp. 46–58 (2004). DOI: [10.1016/j.ejor.2003.08.013](https://doi.org/10.1016/j.ejor.2003.08.013)
- [41] P. KAS, G. KASSAY AND Z. BORATAŞ–SENOY: *On generalized equilibrium points*, Journal of Mathematical Analysis and Applications, Vol. **296** No. **2**, pp. 619–633 (2004). DOI: [10.1016/j.jmaa.2004.04.030](https://doi.org/10.1016/j.jmaa.2004.04.030)
- [42] J.B.G. FRENK, G. KASSAY AND V. PROTASSOV: *On Borel probability measures and non-cooperative game theory*, Optimization, Vol. **54** No. **1**, pp. 81–101 (2005). DOI: [10.1080/02331930412331323845](https://doi.org/10.1080/02331930412331323845)
- [43] L.J. LIN, M.F. YANG, H.Q. ANSARI AND G. KASSAY: *Existence results for Stampacchia and Minty type implicit variational inequalities with multivalued maps*, Nonlinear Analysis: Theory, Methods and Applications, Vol. **61** No. **1–2**, pp. 1–19 (2005). DOI: [10.1016/j.na.2004.07.038](https://doi.org/10.1016/j.na.2004.07.038)
- [44] M. BIANCHI, G. KASSAY AND R. PINI: *Existence of equilibria via Ekeland’s principle*, Journal of Mathematical Analysis and Applications, Vol. **305** No. **2**, pp. 502–512 (2005). DOI: [10.1016/j.jmaa.2004.11.042](https://doi.org/10.1016/j.jmaa.2004.11.042)
- [45] R.I. BOT, G. KASSAY AND G. WANKA: *Strong duality for generalized convex optimization problems*, Journal of Optimization Theory and Applications, Vol. **127** No. **1**, pp. 45–70 (2005). DOI: [10.1007/s10957-005-6392-5](https://doi.org/10.1007/s10957-005-6392-5)

- [46] Y. ALBER, D. BUTNARIU AND G. KASSAY: *Convergence and stability of a regularization method for maximal monotone inclusions and its applications to convex optimization*, in: Variational Analysis and Appl., F. Giannessi and A. Maugeri (Eds.), Springer, Berlin–Heidelberg–New York, pp. 89–132 (2005). ISBN 0-387-24209-0.
DOI: [10.1007/0-387-24276-7_9](https://doi.org/10.1007/0-387-24276-7_9)
- [47] J.B.G. FRENK AND G. KASSAY: *On noncooperative games and minimax theory*, in: Proceedings of the 4th Twente workshop on Cooperative Game Theory joint with 3rd Dutch–Russian symposium, edited by T.S.H. Driessen, J.B. Timmer, A.B. Khmelnitskaya, Enschede, June 28–30, pp. 61–69 (2005).
- [48] J.B.G. FRENK AND G. KASSAY: *The level set method of Joó and its use in minimax theory*, Mathematical Programming, Vol. **105** No. **1A**, pp. 145–155 (2006).
DOI: [10.1007/s10107-005-0591-6](https://doi.org/10.1007/s10107-005-0591-6)
- [49] M. BIANCHI, G. KASSAY AND R. PINI: *Ekeland’s principle for vector equilibrium problems*, Nonlinear Analysis: Theory, Methods and Applications, Vol. **66** No. **7**, pp. 1454–1464 (2007). DOI: [10.1016/j.na.2006.02.003](https://doi.org/10.1016/j.na.2006.02.003)
- [50] J.B.G. FRENK, P. KAS AND G. KASSAY: *On linear programming duality and necessary and sufficient conditions in minimax theory*, Journal of Optimization Theory and Applications, Vol. **132** No. **3**, pp. 423–439 (2007).
DOI: [10.1007/s10957-007-9164-6](https://doi.org/10.1007/s10957-007-9164-6)
- [51] J.B.G. FRENK AND G. KASSAY: *Lagrangian duality and cone convexlike functions*, Journal of Optimization Theory and Applications, Vol. **134** No. **2**, pp. 207–222 (2007).
DOI: [10.1007/s10957-007-9221-1](https://doi.org/10.1007/s10957-007-9221-1)
- [52] G. BIGI, M. CASTELLANI AND G. KASSAY: *A dual view of equilibrium problems*, Journal of Mathematical Analysis and Applications, Vol. **342** No. **1**, pp. 17–26 (2008).
DOI: [10.1016/j.jmaa.2007.11.034](https://doi.org/10.1016/j.jmaa.2007.11.034)
- [53] D. BUTNARIU AND G. KASSAY: *A proximal–projection method for finding zeros of set-valued operators*, SIAM Journal of Control and Optimization, Vol. **47** No. **4**, pp. 2096–2136 (2008). DOI: [10.1137/070682071](https://doi.org/10.1137/070682071)
- [54] R.I. BOȚ, G. KASSAY AND G. WANKA: *Duality for almost convex optimization problems via the perturbation approach*, Journal of Global Optimization, Vol. **42** No. **3**, pp. 285–399 (2008). DOI: [10.1007/s10898-008-9300-3](https://doi.org/10.1007/s10898-008-9300-3)
- [55] A.N. IUSEM, G. KASSAY AND W. SOSA: *On certain conditions for the existence of solutions of equilibrium problems*, Mathematical Programming, Vol. **116** No. **1–2B**, pp. 259–273 (2009). DOI: [10.1007/s10107-007-0125-5](https://doi.org/10.1007/s10107-007-0125-5)
- [56] M. BIANCHI, G. KASSAY AND R. PINI: *Well–posedness for vector equilibrium problems*, Mathematical Methods in Operations Research, Vol. **70** No. **1**, pp. 171–182 (2009).
DOI: [10.1007/s00186-008-0239-4](https://doi.org/10.1007/s00186-008-0239-4)
- [57] G. KASSAY, C. PINTEA AND F. SZENKOVITS: *On convexity of preimages of monotone operators*, Taiwanese Journal of Mathematics, Vol. **13** No. **2B**, pp. 675–686 (2009).
DOI: [10.11650/twjm/1500405394](https://doi.org/10.11650/twjm/1500405394)
- [58] A.N. IUSEM, G. KASSAY AND W. SOSA: *An existence result for equilibrium problems with some surjectivity consequences*, Journal of Convex Analysis, Vol. **16** No. **3**, pp. 807–826 (2009).
- [59] M. BIANCHI, G. KASSAY AND R. PINI: *Well–posed equilibrium problems*, Nonlinear Analysis: Theory, Methods and Applications, Vol. **72** No. **1**, pp. 460–468 (2010).
DOI: [10.1016/j.na.2009.06.081](https://doi.org/10.1016/j.na.2009.06.081)

- [60] G. KASSAY AND C. PINTEA: *On preimages of a class of generalized monotone operators*, Nonlinear Analysis: Theory, Methods and Applications, Vol. **73** No. **11**, pp. 3537–3545 (2010). DOI: [10.1016/j.na.2010.07.028](https://doi.org/10.1016/j.na.2010.07.028)
- [61] A. CAPĂTĂ, G. KASSAY AND B. MOSONI: *On weak multifunction equilibrium problems*, in: Variational Analysis and Generalized Differentiation in Optimization and Control, In Honor of Boris S. Mordukhovich, Series: Springer Optimization and Its Applications, Vol. **47**, pp. 133–148 (2010). DOI: [10.1007/978-1-4419-0437-9_6](https://doi.org/10.1007/978-1-4419-0437-9_6)
- [62] A. CAPĂTĂ AND G. KASSAY: *On vector equilibrium problems and applications*, Taiwanese Journal of Mathematics, Vol. **15** No. **1**, pp. 365–380 (2011). DOI: [10.11650/twjm/1500406180](https://doi.org/10.11650/twjm/1500406180)
- [63] G. KASSAY, C. PINTEA AND SZ. LÁSZLÓ: *Monotone operators and closed countable sets*, Optimization, Vol. **60** No. **8–9**, pp. 1059–1069 (2011). DOI: [10.1080/02331934.2010.505961](https://doi.org/10.1080/02331934.2010.505961)
- [64] G. KASSAY, S. REICH AND S. SABACH: *Iterative methods for solving systems of variational inequalities in reflexive Banach spaces*, SIAM Journal on Optimization, Vol. **21** No. **4**, pp. 1319–1344 (2011). DOI: [10.1137/110820002](https://doi.org/10.1137/110820002)
- [65] M. BIANCHI, G. KASSAY AND R. PINI: *Conditioning for optimization problems under general perturbations*, Nonlinear Analysis: Theory, Methods and Applications, Vol. **75** No. **1**, pp. 37–45 (2012). DOI: [10.1016/j.na.2011.07.061](https://doi.org/10.1016/j.na.2011.07.061)
- [66] G. BIGI, A. CAPĂTĂ AND G. KASSAY: *Existence results for strong vector equilibrium problems and their applications*, Optimization, Vol. **61** No. **5**, pp. 567–583 (2012). DOI: [10.1080/02331934.2010.528761](https://doi.org/10.1080/02331934.2010.528761)
- [67] R. BURACHIK AND G. KASSAY: *On a generalized proximal point method for solving equilibrium problems in Banach spaces*, Nonlinear Analysis: Theory, Methods and Applications, Vol. **75** No. **18**, pp. 6456–6464 (2012). DOI: [10.1016/j.na.2012.07.020](https://doi.org/10.1016/j.na.2012.07.020)
- [68] G. KASSAY, C. PINTEA AND SZ. LÁSZLÓ: *Monotone operators and first category sets*, Positivity, Vol. **3**, pp. 565–577 (2012). DOI: [10.1007/s11117-012-0193-5](https://doi.org/10.1007/s11117-012-0193-5)
- [69] M. BIANCHI, G. KASSAY AND R. PINI: *An inverse map result and some applications to sensitivity of generalized equations*, J. Math. Anal. Appl., Vol. **399** No. **1**, pp. 279–290 (2013). DOI: [10.1016/j.jmaa.2012.10.023](https://doi.org/10.1016/j.jmaa.2012.10.023)
- [70] G. KASSAY AND M. MIHOLCA: *Existence results for variational inequalities with surjectivity consequences related to generalized monotone operators*, J. Optim. Theory Appl., Vol. **159** No. **3**, pp. 721–740 (2013). DOI: [10.1007/s10957-013-0383-8](https://doi.org/10.1007/s10957-013-0383-8)
- [71] M. BIANCHI, G. KASSAY AND R. PINI: *Stability results of variational systems under openness with respect to fixed sets*, J. Optim. Theory Appl., Vol. **164** No. **1**, pp. 92–108 (2015). DOI: [10.1007/s10957-014-0560-4](https://doi.org/10.1007/s10957-014-0560-4)
- [72] G. KASSAY AND M. MIHOLCA: *Existence results for vector equilibrium problems given by a sum of two functions*, J. Glob. Optim., Vol. **63** No. **1**, pp. 195–211 (2015). DOI: [10.1007/s10898-014-0264-1](https://doi.org/10.1007/s10898-014-0264-1)
- [73] A. CAPĂTĂ AND G. KASSAY: *Characterizations of vector equilibria subject to explicit constraints*, Minimax Theory and its Applications, Vol. **1** No. **1**, pp. 145–161 (2016).
- [74] M. BIANCHI, G. KASSAY AND R. PINI: *Linear openness of the composition of set-valued maps and applications to variational systems*, Set-Valued Var. Anal., Vol. **24** No. **4**, pp. 581–595 (2016). DOI: [10.1007/s11228-015-0357-0](https://doi.org/10.1007/s11228-015-0357-0)

- [75] G. KASSAY, M. MIHOLCA AND N. THE VINH: *Vector quasi-equilibrium problems for the sum of two multivalued mappings*, J. Optim. Theory Appl., Vol. **169** No. **2**, pp. 424–442 (2016). DOI: [10.1007/s10957-016-0919-9](https://doi.org/10.1007/s10957-016-0919-9)
- [76] M. BIANCHI, G. KASSAY AND R. PINI: *Stability of equilibria via regularity of the diagonal subdifferential operator*, Set-Valued Var. Anal., Vol. **25** No. **4**, pp. 789–805 (2017). DOI: [10.1007/s11228-017-0433-8](https://doi.org/10.1007/s11228-017-0433-8)
- [77] C. GUTIÉRREZ, G. KASSAY, V. NOVO AND J.L. RÓDENAS–PEDREGOSA: *Ekeland variational principles in vector equilibrium problem*, SIAM Journal on Optimization, Vol. **27** No. **4**, pp. 2405–2425 (2017). DOI: [10.1137/17M111883X](https://doi.org/10.1137/17M111883X)
- [78] M. BIANCHI, G. KASSAY AND R. PINI: *On a sufficient condition for weak sharp efficiency in multiobjective optimization*, J. Optim. Theory Appl., Vol. **178** No. **1**, pp. 78–93 (2018). DOI: [10.1007/s10957-018-1307-4](https://doi.org/10.1007/s10957-018-1307-4)
- [79] G. KASSAY, T.N. HAI AND N. THE VINH: *Coupling Popov’s algorithm with subgradient extragradient method for solving equilibrium problems*, Journal of Nonlinear and Convex Analysis, Vol. **19** No. **6**, pp. 959–986 (2018).
- [80] A. CAPĂTĂ, G. KASSAY AND S. AL-HOMIDAN: *Existence results for strong vector equilibrium problems with applications*, Journal of Nonlinear and Convex Analysis, Vol. **19** No. **7**, pp. 1163–1179 (2018).
- [81] S. AL-HOMIDAN, Q.H. ANSARI AND G. KASSAY: *On sensitivity of vector equilibria by means of the diagonal subdifferential operator*, Journal of Nonlinear and Convex Analysis, Vol. **20** No. **3**, pp. 527–537 (2019).
- [82] S. AL-HOMIDAN, Q.H. ANSARI AND G. KASSAY: *Takahashi’s minimization theorem and some related results in quasi-metric spaces*, Journal of Fixed Point Theory and Applications, Vol. **21** No. **38** (2019). DOI: [10.1007/s11784-019-0676-0](https://doi.org/10.1007/s11784-019-0676-0)
- [83] KASSAY G. ÉS SZENKOVITS F.: *Önálló intézet, megfiatalodott munkaközössége. Kutatás és oktatás a BBTE Magyar Matematika és Informatika Intézetében*, Korunk, pp. 19–26 (2019).
- [84] S. AL-HOMIDAN, Q.H. ANSARI AND G. KASSAY: *Vectorial form of Ekeland variational principle with applications to vector equilibrium problems*, Optimization, Vol. **69** No. **3**, pp. 415–436 (2020). DOI: [10.1080/02331934.2019.1589469](https://doi.org/10.1080/02331934.2019.1589469)
- [85] O. CHADLI, G. KASSAY AND A. SAIDI: *On the existence of antiperiodic solutions for hemivariational inequalities: an equilibrium approach*, Optimization Letters, Vol. **15** No. **1**, pp. 879–900 (2021). DOI: [10.1007/s11590-019-01490-1](https://doi.org/10.1007/s11590-019-01490-1)
- [86] M. BIANCHI, G. KASSAY AND R. PINI: *Regularization of Brézis pseudomonotone variational inequalities*, Set-Valued Var. Anal., Vol. **29** No. **1**, pp. 175–190 (2021). DOI: [10.1007/s11228-020-00543-3](https://doi.org/10.1007/s11228-020-00543-3)
- [87] M. BIANCHI, G. KASSAY AND R. PINI: *Brezis pseudomonotone bifunctions and quasi equilibrium problems via penalization*, Journal of Global Optimization, Vol. **82**, pp. 483–498 (2022). DOI: [10.1007/s10898-021-01088-x](https://doi.org/10.1007/s10898-021-01088-x)
- [88] O. CHADLI, G. KASSAY AND A. SAIDI: *On the existence of antiperiodic solutions for hemivariational inequalities: an equilibrium problem approach*, Optim. Lett., Vol. **15** No. **3**, pp. 879–900 (2021). DOI: [10.1007/s11590-019-01490-1](https://doi.org/10.1007/s11590-019-01490-1)

Könyvek

- [89] ILLÉS T. ÉS KASSAY G.: *Szemelvények a matematikai programozás dualitáselméletéből*, Eötvös Loránd Tudományegyetem, Budapest, p. 85 (1995).
- [90] G. KASSAY: *The Equilibrium Problem and Related Topics*, Risoprint, Cluj, Romania, p. 113 (2000). ISBN 973-656-023-6.
- [91] KASSAY G., KOLUMBÁN J. ÉS MARCHIȘ J.: *Valós számok és metrikus terek*, Presa Universitară Clujeană/Kolozsvári Egyetemi Kiadó, p. 227 (2005). ISBN: 973-610-357-9.
- [92] G. KASSAY AND VICENTIU D. RĂDULESCU: *Equilibrium Problems and Applications*, Series: Mathematics in Science and Engineering, Academic Press – an imprint of Elsevier, London-San Diego-Cambridge MA-Oxford, (2019).

Könyvfejezetek

- [93] G. KASSAY AND J. KOLUMBÁN: *Equilibrium problems*, in: J. Kolumbán, A. Soós (eds.): Lectures on Nonlinear Analysis and Its Applications, Sapientia Books 22, Scientia Publishing House, Cluj-Napoca, pp. 17–172 (2003). ISBN 973-7953-02-9.
- [94] J.B.G. FRENK AND G. KASSAY: *Introduction to convex and quasiconvex analysis*, in: Handbook of Generalized Convexity and Monotonicity, Series: Nonconvex Optimization and its Applications, Eds. N. Hadjisavvas, S. Komlósi, S. Schaible, Springer, Berlin-Heidelberg-New York, Vol. **76**, pp. 3–87 (2005). ISBN 0-387-23255-9
- [95] J.B.G. FRENK AND G. KASSAY: *On noncooperative games, minimax theorems and equilibrium problems*, in: Pareto Optimality, Game Theory and Equilibria, Series: Springer Optimization and Its Applications, Athanasios Migdalas (Crete), Panos Pardalos (Florida), Leonidas Pitsoulis (London) and Altannar Chinchuluun (Florida) (Eds.), Vol. **17**, XXII, pp. 53–94 (2008). ISBN: 978-0-387-77246-2.
- [96] G. KASSAY: On equilibrium problems, in: *Optimization and Optimal Control Theory and Applications*, Series: Springer Optimization and Its Applications, Eds.: Altannar Chinchuluun, Panos M. Pardalos, Rentsen Enkhbat, Ider Tseveendorj, Vol. **39**, pp. 55–83 (2010).
- [97] G. KASSAY: *The equilibrium problem and its applications to optimization*, Minimax problems and Nash equilibria, in: Topics in Nonlinear Analysis and Optimization, Ed. Qamrul Hasan Ansari, World Education, Delhi, pp. 203–226 (2012). ISBN 978-81-909873-3-2.

Szerkesztett könyv

- [98] Z. KÁSA, G. KASSAY AND J. KOLUMBÁN (Eds.), *Proceedings of the International Conference In Memoriam Gyula Farkas*, Cluj University Press, Cluj-Napoca, (2006).

Kutatási jelentések

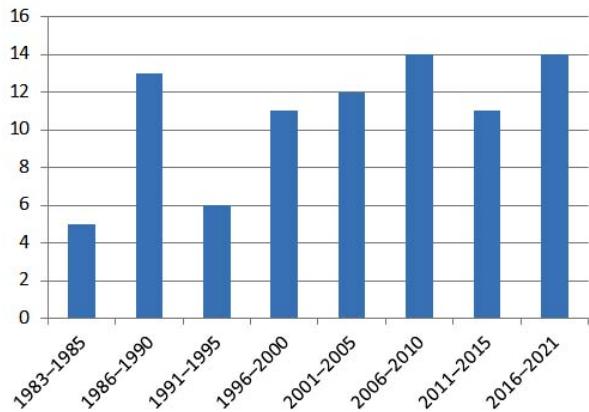
- [99] KASSAY G.: *Minimax tételek és alkalmazásaik*, Operations Research Report 1992-02, Eötvös Loránd University, Budapest, (1992).
- [100] T. ILLÉS, I. JOÓ AND G. KASSAY: *On a nonconvex Farkas theorem and its application in optimization theory*, Operations Research Report 1993-02, Eötvös Loránd University, Budapest, (1992).

Legidézettebb tíz cikk

A.N. IUSEM, G. KASSAY AND W. SOSA: <i>On certain conditions for the existence of solutions of equilibrium problems</i> , Mathematical Programming, Vol. 116 No. 1–2B , pp. 259–273 (2009).	149
G. KASSAY, S. REICH AND S. SABACH: <i>Iterative methods for solving systems of variational inequalities in reflexive Banach spaces</i> , SIAM Journal on Optimization, Vol. 21 No. 4 , pp. 1319–1344 (2011).	130
M. BIANCHI, G. KASSAY AND R. PINI: <i>Existence of equilibria via Ekeland's principle</i> , Journal of Mathematical Analysis and Applications, Vol. 305 No. 2 , pp. 502–512 (2005).	124
G. KASSAY AND J. KOLUMBÁN: <i>System of multi-valued variational inequalities</i> , Publicationes Mathematicae Debrecen, Vol. 56 No. 1–2 , pp. 185–195 (2000).	113
W.W. BRECKNER AND G. KASSAY: <i>A systematization of convexity concepts for sets and functions</i> , Journal of Convex Analysis, Vol. 4 No. 1 , pp. 109–127 (1997).	95
M. BIANCHI, G. KASSAY AND R. PINI: <i>Ekeland's principle for vector equilibrium problems</i> , Nonlinear Analysis: Theory, Methods and Applications, Vol. 66 No. 7 , pp. 1454–1464 (2007).	92
G. KASSAY, J. KOLUMBÁN AND ZS. PÁLES: <i>Factorization of Minty and Stampacchia variational inequality systems</i> , European Journal of Operational Research, 143 No. 2 , pp. 377–389 (2002).	75
L.J. LIN, Z.T. YU AND G. KASSAY: <i>Existence of equilibria for multivalued mappings and its applications to vectorial equilibria</i> , Journal of Optimization Theory and Applications, 114 No. 1 , pp. 189–208 (2002).	75
R.I. BOŞ, G. KASSAY AND G. WANKA: <i>Strong duality for generalized convex optimization problems</i> , Journal of Optimization Theory and Applications, Vol. 127 , No. 1 , pp. 45–70 (2005).	69
D. BUTNARIU AND G. KASSAY: <i>A proximal–projection method for finding zeros of set-valued operators</i> , SIAM Journal of Control and Optimization, Vol. 47 No. 4 , pp. 2096–2136 (2008).	66

Legnagyobb impaktfaktorú tíz cikk

	IF 2015
J.B.G. FRENK, G. KASSAY AND J. KOLUMBÁN: <i>On Equivalent Results in Minimax Theory</i> , European Journal of Operational Research, Vol. 157 No. 1 , pp. 46–58 (2004).	2.679
G. KASSAY, J. KOLUMBÁN AND Zs. PÁLES: <i>Factorization of Minty and Stampacchia variational inequality systems</i> , European Journal of Operational Research, Vol. 143 No. 2 , pp. 377–389 (2002).	2.679
C. GUTIÉRREZ, G. KASSAY, V. NOVO AND J.L. RÓDENAS–PEDREGOSA: <i>Ekel-and variational principles in vector equilibrium problem</i> , SIAM Journal on Optimization, Vol. 27 No. 4 , pp. 2405–2425 (2017).	2.659
G. KASSAY, S. REICH AND S. SABACH: <i>Iterative methods for solving systems of variational inequalities in reflexive Banach spaces</i> , SIAM Journal on Optimization, Vol. 21 No. 4 pp. 1319–1344 (2011).	2.659
A.N. IUSEM, G. KASSAY AND W. SOSA: <i>On certain conditions for the existence of solutions of equilibrium problems</i> , Mathematical Programming, Vol. 116 No. 1–2B , pp. 259–273 (2009).	2.062
J.B.G. FRENK AND G. KASSAY: The level set method of Joó and its use in minimax theory, <i>Mathematical Programming</i> , Vol. 105 No. 1A , pp. 145–155 (2006).	2.062
D. BUTNARIU AND G. KASSAY: <i>A proximal–projection method for finding zeros of set–valued operators</i> , SIAM Journal of Control and Optimization, Vol. 47 No. 4 , pp. 2096–2136 (2008).	1.491
G. KASSAY AND M. MIHOLCA: <i>Existence results for vector equilibrium problems given by a sum of two functions</i> , J. Glob. Optim., Vol. 63 No. 1 , pp. 195–211 (2015).	1.219
M. BIANCHI, G. KASSAY AND R. PINI: <i>On a sufficient condition for weak sharp efficiency in multiobjective optimization</i> , J. Optim. Theory Appl., Vol. 178 No. 1 , pp. 78–93 (2018).	1.160
R. BURACHIK AND G. KASSAY: <i>On a generalized proximal point method for solving equilibrium problems in Banach spaces</i> , Nonlinear Analysis: Theory, Methods and Applications, Vol. 75 No. 18 , pp. 6456–6464 (2012).	1.125

Cikkek száma ötévenkénti bontásban

h-index: 18 (Web of Science), 19 (Scopus), 25 (Google Scholar)