Magyar operációkutatási közlemények 1991-ben

1. Aczél, J. (3-WTRL-IT): Basics of functional equations arising from recent applications to economics and other sciences. XII. Symp. on Oper. Res. (Passau, 1987), 3-14, Methods of Oper. Res. 59(1989) Athenäum, Hain (90A).
2. Faigle, Ullrich, Turán György (H-AOS-R): Static on-line decomposition of series-parallel and interval orders. XIII. Symp. on Oper. Res. (Paderborn, 1988) 197-203, Methods of Oper. Res. 62(1990) Athenäum, Hain (90B).
3. Sonnevend, Gy. (H-EOTVO), Stoer, J., Zhao, G.: On the complexity of following the central path of linear programs by linear extrapolation. XIV. Symp. on Oper. Res. (Ulm, 1989) 19-31, Methods of Oper. Res. 62(1990) Athenäum, Hain (90C).
4. Klafszky Emil, Terlaky Tamás (H-EOTVO): The role of the pivot technique in the proof of some fundamental theorems of linear algebra. Investigación Oper. 10(1989) 141-167 (90C).
5. Rapcsák Tamás (H-AOS-C): Tensor optimization. Report 34, MTA SZTAKI, Budapest, 1990 (90C).
6. Dancs, S. (H-KMU): Generalized tangent cone and an optimization problem in a normed space. J. Optim. Theory Appl. 67(1990) 43-55 (90C).
7. Klafszky Emil (H-BUDT), Mayer János (H-AOS-C), Terlaky Tamás (H-EOTVO-OR): A new convergent algorithm for the continuous modular design problem. Arabian J. Sci. Engrg. 15(1990) 687-694 (90C).
8. Rapcsák T. (H-AOS-C), Borzsák P.: On separable product functions. Optimization 21(1990) 831-841 (90C).
9. Goldberg, A.V., Tardos Éva (1-CRNL-O), Tarjan, R.E.: Network flow algorithms. Paths flows, and VLSI-layout (Bonn, 1988) 101-164, Algorithms Combin., Springer, Berlin, 1990 (90B).
10. Pintér János: Globally optimized calibration of environmental models. Ann. Oper. Res. 25(1990) 211-221 (90C).
11. Prékopa András (H-AOS): Totally positive linear programming problems. Functional analysis, optimization, and mathematical economics. 197-207 Oxford Univ. Press, New York, 1990 (90C).
12. Csendes Tibor (H-SZEG-CY): Interval method for bounding level sets: revisites and tested with global optimization problems. BIT 30(1990) 650-657 (90C).
13. Prékopa András (1-RTG-OR): Dual method for the solution of a one-stage stochastic programming problem with random RHS obeying a dicrete probabil-

ity distribution. Z. Oper. Res. 34(1990) 441-461 (90C).

14. Rapcsák T. (H-AOS-C), Szente J. (H-BUDT-G): On the connection between machanical force equilibrium and nonlinear programming. Z. Angew. Math. Mech. 70(1990) 557-564 (90C).
15. Mikó Gy. (H-KMU): Risk taking: a new approach. Pure Math Appl. Ser. C. 1(1990) 5-25 (90A).
16. Szidarovszky F. (H-KMU): Multiproduct Cournot oligopolies with market saturation. Pure Math. Appl. Ser. B 1(1990) 3-15 (90A).
17. Szidarovszky F. (H-KMU), Okuguchi, K.: Extrapolative expectations in an oligopoly with multi-product firms. Pure Math. Appl. Ser. B 1(1990) 47-55 (90A).
18. Szidarovszky F. (H-KMU), Okuguchi, K.: On multistep and monotone stability of equilibria in a multi-product oligopoly. Pure Math. Appl. Ser. B 1(1990) 57-65 (90A).
19. Hoffer János (H-AOS-C), Dörfner Péter: Reliability and production costs calculation with peak load forecast uncertainty. Alk. Mat. Lapok 14(1989) 405-416 (90B).
20. Matits Ágnes: measurement of the reliability of projected data. Pure Math. Appl. Ser. B. 1(1990) 105-126 (90B).
21. Szidarovszky F. (H-KMU): Cournot equilibrium and joint profit maximizing prices in multi-product oligopolies. Pure Math. Appl. Ser. B 1(1990) 17-23 (90B).
22. Zubor Zoltán (H-EOTVO): An algorithm for strong covering of an interval system. Alk. Mat. Lapok 14(1989) 299-307 (90B).
23. Bíró Miklós (H-AOS-C): Characterization of the binary decomposition of bounded integer variables. Alk. Mat. Lapok 14(1989) 417-424 (90C).
24. Forgó Ferenc (H-KMU), Schick, G.J.: A Bayesian approach for updating weights of criteria for multicriteria decision problems. Pure Math. Appl. Ser. B 1(1990) 87-95 (90C).
25. Fülöp János (H-AOS-C): On a special nonconvex programming problem. Alk. Mat. Lapok 14(1989) 389-404 (90C).
26. Gyetván Ferenc (H-PECS): Duality for matrix meximum and vector maximum problems and its connections. Alk. Mat. Lapok 14(1989) 377-387 (90C).
27. Rapcsák Tamás (H-AOS-C): On the generalization of the convex programming. Alk. Mat. Lapok 14(1989) 449-459 (90C).
28. Csirik, J. (H-SZEG-C), Frenk, J.B.G., Labbé, M., Zhang, S.: On the multidimensional vector bin packing. Acta Cybernet. 9(1990) 361-369 (90B).

29. Takács Lajos (1-CWR): On a probability problem connected with railway traffic. Appl. Math. Stochastic Anal. 4(1991) 1-27 (90B).

30. Fülöp János (H-AOS-C), Jaumard, B.: On transforming the satisfiability and maximum satisfiability problems into set covering problems. Report 40., MTA SZTAKI, Budapest, 1990 (90C).

31. Fülöp János (H-AOS-C): A finite cutting plane method for facial disjunctive programs. Z. Oper. Res. 35(1991) 1-13 (90C).

32. Maros István (H-AOS-C): MILP. Linear programmin optimizer for personal computers under DOS. Report 41. MTA SZTAKI, Budapest, 1990 (90C).

33. Szidarovszky Ferenc (H-KMU), Molnár Sándor (H-CMDI), Okuguchi, K.: On a general scheme in the theory of conflicts. Mathematical analysis and system theory, KMU Budapest, 31-37, 1988 (90C).

34. Prékopa András (1-RTG), Boros Endre (1-RTG): On the existence of a feasible flow in transportation network. Oper. Res. 39(1991) 119-129 (90B).

35. Csirik, J. (H-SZEG-B), Johnson, S.D.: Bounded space on-line bin packing: best is better than first. Proc. Second Ann. Symp. on Discrete Algorithms, (San Francisco, 1991) 309-319 ACM, New York, 1991, (90C).

36. Lovász László (H-EOTVO-C), Schrijver, A.: Cones of matrices and set-functions and 0-1 optimization. SIAM J. Optim. 1(1991) 166-190 (90C).

37. Szidarovszky, F. (H-KMU), Okuguchi, K.: On a general Stackelbergtype leader-follower oligopoly model. Ann. Univ. Sci. Budapest Sect. Comput. 10(1990) 3-18 (90D).

38. Chernyak, A.I., Sztrik, J. (H-LAJO): Asymptotik behaviour of a complex renewable standby system with fast repair. Problems of Control Inform. Theory 20(1991) 37-44 (90B).

39. Frank András (H-EOTVO-C): Packing paths in planar graphs. Combinatorica 10(1990) 325-331 (90B).

40. Kovács M. (H-EOTVO-C), Vasilev, F.P.: Convergence rate for regularized barrier function methods. Optimization 22(1991) 427-438 (90C).

41. Csirik J. (H-SZEG), Frenk, J.B.G., Galambos, G. (H-SZEG), Rinnooy Kan, A.H.G.: Probabilistic analysis of algorithms for dual bin packing problems. J. Algorithms 12(1991) 189-203 (90B).

42. Goldberg, J., Szidarovszky, F. (1-AZ-I): A general model and convergence results for determining vehicle utilization in emergency systems. Comm. Statist. Stochastic Models 7(1991) 137-160 (90B).

43. Sebő András: The cographic multiflow problem: an epilogue. Polyhedral combinatorics (Morristown, 1989) AMS, 203-234 Providence, 1990, (90B).

44. Lovász László (H-EOTVO), Schrijver, A.: Matrix cones, projection representations, and stable set polyhedra. Polyhedral combinatorics (Morristown, 1989) 1-17 AMS, Providence, 1990, (90B).
45. Rapcsák Tamás (H-AOS-C): Geodetic convexity in nonlinear optimization. J. Optim. Theory Appl. 69(1991) 169-183 (90C).
46. Vízvári Béla (H-AOS-C): On some generalizations of the greedy method of the knapsack problem. Wiss. Z. Tech. Hochsch. Leuna-Merseburg 32(1990) 467-472 (90C).
47. Aczél, J. (3-WTRL-IT): Merging relative scores: our correct ways and a wrong way. J. Comput. Inform. 1(1990) 1-23 (90A).
48. den Hertog, D., Roos, C., Terlaky, T. (H-EOTVO): A polynomial method of weighted centers for convex quadratic programming. J. Inform. Optim. Sci. 12(1991) 187-205 (90C).
49. den Hertog, D., Roos, C., Terlaky, T. (H-EOTVO): A potential-reduction variant of Renegar's short-step path-following method for linear programming. Linear Algebra Appl. 152(1991) 43-68 (90C).
50. Goldberg, A.V., Plotkin, S.A., Tardos Éva (1-CRNL-OR): Combinatorial algorithms for the generalized circulation problem. Math. Oper. Res. 16(1991) 351-381 (90C).
51. Sebestyén, Z. (H-EOTVO-AA): A general saddle point theorem and its applications. Acta Math. Hungar. 56(1990) 303-307 (90D).
52. Lovász László (H-EOTVO-C): Geometry of numbers and integer programming. Mathematical Programming (Tokyo, 1988) 177-201 Math. Appl. 6(1989) (90C).
53. Okuguchi, K., Szidarovszky Ferenc (H-KMU): The theory of oligopoly with multi-product firrms. Lect. Notes in Economics 342, Springer, Berlin, 1990 (90A).

Az összeállítás célja a magyar operációkutatási tudományos közlemények összegzése a Magyar Operációkutatási Társaság számára. A Current Mathematical Publications 1991-es évfolyama alapján készült, és azokat a közleményeket tartalmazza (a megjelenés sorrendjében), amelyek ott az operációkutatáshoz voltak sorolva (90, 90A, 90B, 90C, 90D), és felismerhetően volt magyar (vagy magyarországi) szerzőjük. Minden igyekezet ellenére is kimaradhatott közlemény a felsorolásból, ezért a lista kiegészítése segítene.