# TOURNAMENTS

## HUNGARIAN PUBLICATIONS CONNECTED WITH TOURNAMENTS

This list is based on the book *Topics on Tournaments* (1968), *Mathematical Reviews*, *Zentralblatt für Mathematik*, *Current Mathematical Publications*, *Digital Library of ACM*, recent numbers of journals and personal communications. Abbreviations: **E** english, **F** French, **G** German, **H** Hungarian, **L** library, **D** in digital form, **P** in printed form **R** Russian, @ `electronic address`, + authors have no `electronic address`

**1923** Fekete, Mihály: Über die Verteilung der Wurzeln bei gewissen algebraischen Gleichungen mit ganzzahligen Koeffizienten. *Mathematische Zeitschrift* **17** (1923), 228-249. subadditive functions and spanning trees +

**1934** Rédei, László: Ein Kombinatorischer Satz. *Acta Litt. (Szeged)* **7** (1934), 39-43. spanning trees +

**1937** Pólya, György: Kombinatorische Anzahlbestimmungen für Gruppen, Graphen und chemische Verbindungen. *Acta Mathematica* **68** (1937) 145-254 (in Russian: in *Biblioteka Kib. Szb.*, Mir, Moscow, 1973, 36-138). permutation groups, enumeration **R** +

**1942** Erdős Pál: On an elementary proof of some asymptotic formulas in theory of partitions. *Ann. Math.* **43** (1942), 437-450. partition of integers, isomorphism +

**1943** Radó, Richárd: Theorem on linear combinatorial topology and general measure. *Ann. Math.* **44** (1943), 228-270. strong and irreducible tournaments +

Szele, Tibor: Kombinatorikai vizsgálatok az irányított teljes gráffal kapcsolatban. *Matematikai és Fizikai Lapok* **50** (1943) 223-256. **H** In German: Kombinatorische Untersuchungen über gerichtete vollständige Graphen. *Publ. Math. Debrecen* **13** (1966), 145-168. spanning trees **G** +

**1959** Erdős, Pál; Rényi, Alfréd: On the central limit theorem for samples for a finite population. *MTA Matematikai Kutató Intézetének Közleményei* **4** (1959), 49-61. **H**

Rényi, Alfréd: Some remarks on the theory of trees. *MTA Matematikai Kutató Intézetének Közleményei* **4** (1959), 73-85. **H**

**1960** Erdős, Pál; Gallai, Tibor: Graphs with prescribed degrees of vertices (in Hungarian). *Matematikai Lapok* **11** (1960), 264-274. **H**

Gallai, Tibor; Milgram, A. N.: Verallgemeinerung eines graphentheoretischen Satzes von Rédei. *Acta Sci. Math. (Szeged)* **21** (1960), 181-186. disjoint paths **G**

**1963** Erdős, Pál: On a problem in graph theory. *Math. Gaz.* **47** (1963), 220-223. common chiefs **E**

**1964** Erdős, Pál; Moser Leo: On the representation of directed graphs as unions of orderings. *Publ. Mathematical Inst. of Hungarian Acad. Sci.* **9** (1964), 125-132. transitive subtournaments **E**

Erdős, Pál; Moser, Leo: A problem on tournaments. *Canadian Math. Bull.* **7** (1964), 351-356. every $k$ players are beaten **E**

Erdős, Pál; Moser, Leo: On the number of score vectors of tournaments. *Manuscript*, 1964. number of score sequences is $\Omega(4^n/n^5)$ and $O(4^n/n^{1.5})$ (contents described in *Topics on Tournaments*) `moser@math.mcgill.ca` or `grossman@oakland.edu`

**1965** Ádám, András: Bemerkungen zum Graphentheoretischen Satz von I. Fidrich. *Acta Math. Acad. Sci. Hung.* **16** (1965), 9-11.

Erdős, Pál; Moon, John W.: On sets of consistent arcs in a tournament. *Canadian Math. Bull.* **9** (1965), 125-132. lower and upper bound **E**

Szekeres, Eszter; Szekeres, György: On a problem of Schütte and Erdős. *Math. Gaz.* **49** (1965), 290-293. kings of subsets **E** `g.szekeres@unsw.edu.au`

**1968** Moser, Leo: Asymptotics of tournament scores. *Combinatorics Proc. Symp. Pure Math.* **XIX** (UCLA, 1968). Amer. Math. Soc., 1971, 165-166. MR47#3236

**1971** Ádám, András: Gráfok és ciklusok. *Matematikai Lapok* **22** (1971), 269-282.

**1973** Erdős, Pál: *The Art of Counting. Selected Writings* (ed. by Spencer, Joel). The MIT Press, Cambridge, 1973. pp. 742. **L**

**1974** Erdős, Pál; Spencer Joel: *Probabilistic Methods in Combinatorics.* Akadémiai Kiadó, Budapest, 1970, pp. 106 (in Russian: Mir, Moscow, 1976, pp. 130). **E** + **R**

**1978** Bollobás Béla: *Extremal Graph Theory.* Academic Press, London, 1978, pp. 488. **L**

Szemerédi, Endre: Regular partitions of graphs. In: *Proc. Colloque Internat. CNRS* (ed. by J. C. Bermond). Paris, 1978, 399-401.

**1979** Babai, László; Imrich, W.: Tournaments with given automorphism group. *Aequationes Math.* **19** (1979), 232-244.

**1981** Saks, Michal E.; Sós, Vera T.: On unavoidable subgraphs of tournaments. *Colloquia of Math. Soc. J. Bolyai. Finite and Infinite Sets.* **37** (Eger, 1981), 663-674. **E** spanning trees `sos@math-inst.hu`

**1983** Linial, Nathan; Saks, Michal E.; Sós, Vera T.; Largest digraphs contained in all $n$-tournaments. *Combinatorica* **8** (1983), 101-104. largest spanning tree **E**

**1985** Bollobás, Béla: *Random Graphs.* Academic Press, London, 1985, pp. 445. **L**

**1986** Kőnig, Dénes: *Theorie der endlichen und unendlichen Graphen* (ed. by Sachs, Horst). BSB Teubner, Leipzig, 1986. exercises **G** +

**1988** Gyárfás, A.; Jacobson, M.; Kinch, L. F.: On a generalization of transitivity for digraphs. *Discrete Math.* **69** (1988), 35-41. **E** MR89a:05071

**1992** Argay, Gyula; Szalay, Gábor: Rangsorolási algoritmusok (Ranking in tournaments). Budapest, 1992. Research paper. pp. 27. approximation algorithms **H**

Astié-Vidal, A.; Dugat, V.; Tuza, Zsolt: Construction of non-isomorphic regular tournaments. *Annals of Discrete Math.* **52** (1992), 11-23.

Chen, Huang Csong; Erdős, Pál; Schwenk, Allen J.: Tournaments that share several common moments with their complements. *Bull. Inst. Combin. Appl.* **4** (1992), 65-89. MR 92j:05068

**1996** Foudree, Ralph; Gyárfás, András: Endpoint extended graphs. *J. Graph Theory* **23** (3) (1996), 303-307. **E** MR 97f05079 rfaudree@memphis.edu

**1997** Noga, Alon; Ruszinkó, Miklós: Short certificates for tournaments. *Electronic J. Comb.* **4** (1) (1997), pp. 6. Research paper (electronic). MR 98e05049 **E** `ruszinko@lutra.sztaki.hu` and `noga@math.tau.ac.il`

**1998** Guiduli, Barry; Gyárfás, András; Thomassé, Stéphan; Weidl, Peter: 2-partition-transitive tournaments. *J. Comb. Theory Ser. B* **72** (2) (1998), 181-196. two transitive subtournaments **E** `gyarfas@sztaki.hu` ZB 914/05033

**1999** Balázs, Á.; Bege, A.; Fekete, I.; Iványi, A.: Weighted tournaments. Lecture in Schipp-conference held in Hosszúhetény (Hungary), *Manuscript*, 1999, pp. 7. **E**

Iványi, A.: Uniform tournaments, *Manuscript.* equidistant score sequences **E**

Bollobás, Béla: *Graphs.* Springer Verlag, New York, 1999 (first edition: 1977), pp. 180. textbook **L** `bollobas@msci.memphis`

Iványi, Antal; Szili, László; Szűcs, László: Distribution of score sequences, *Manuscript.* construction of all score sequences in $O(nS_n)$ time, classifying of score sequences **E**

Lovász László: *Combinatorial Problems and Exexcises.* Akadémiai Kiadó, Budapest, 1979, pp. 561 (in Hungarian: Typotex, 1999). problems `lovasz@cs.yale.edu` **L+H**

Sali, Attila; Simonyi, Gábor: Orientations of self-complementary graphs and the relation to Sperner and Shannon capacities. *European J. Comb.* **20** no. 1 (1999), 93-99. **E**

**2000** Babal, L.; Cameron P. J.: Automorphism and enumeration of switching classes of tournaments. *Electron. J. Combin.* **7** (2000), no. 1. research paper 38. 25 pp. (electronic). MR2001:05048

Havet, Frédéric: Finding an oriented hamiltonian path in a tournament. *J. Algorithms* **36** (2000) no. 2., 253-275. MR2001f:05091

A. Iványi: Good tournaments. manuscript, Budapest, 2001. pp. 12. criteria and number of good score sequences **E**

Pécsy, G.; Szűcs, L.: Parallel verification and enumeration of tournaments. *Studia Univ. Babes-Bolyai Inf.*, **XLV** (2) (2000), 11-26.

**2001** Frank, A.; Király, T.: Combined connectivity augmentation and orientation problems, EGRES Technical Report No. 2001-17. Egerváry Research Group, Budapest, 2001, pp. 18.

Gyárfás, András: Transitive tournaments and selfcomplementary graphs. *J. Graph Theory* **38** (2001), no. 2. 111-112. MR 2002:05095

Hernyák, Z.: FOCIGEN3, a program anylysing degree sequences. Eger, 2001.

Iványi, A.: Versenyek pontsorozatai. In: 25. *Magyar Operációkutatási Konferencia* (Debrecen, 2001. október 17-20,), 52.

Iványi, A.: Reconstruction of $(a, b)$-tournaments. Manuscript, Budapest, 2001. 8 oldal.

Liska, T.: CIRCLE.EXE, a program checking and reconstructing degree seqeunces). Budapest, 2001.

Manoussakis, Yannis; Tuza, Zsolt: Ramsey numbers for tournaments. *Theoret. Comput. Sci.* **263** no. 1-2. 75-85. MR 2002f:05112 **2002** Dévai, G.: Körmérkőzések pontozása (Score vectors of tournaments).

Manuscript, Budapest, 2002. 4 oldal.

Iványi, A.: Maximal tournaments, to appear in *Pure Math. Appl.*. different scores with maximal number of closest results **E**

Kovács Gábor Zsolt; Pataki Norbert: Rangsorolási algoritmusok elemzése (Analysis of ranking sequences). TDK dolgozat, ELTE, Budapest, 2001

## CLASSICAL PUBLICATIONS CONNECTED WITH TOURNAMENTS

**1953** H. G. Landau: The condition for a score sctructure. II. *Bull. Math. Biophysics* **15** (1953), 153-158.

**1959** Lester R. Ford, Jr.; Selmer, M. Johnson: A tournament problem. *Amer. Math. Monthly* **66** (1959), 387-389. **E**

**1962** Moon, J. W.: On the score sequence of an $n$-partite tournament. *Canadian Math. Bull.* **5** (1962), 51-58. MR24#A3080

**1963** Moon, J. W.: An extension of Landau's theorem on tournaments. *Pacific J. Math.* **13** (1963), 1343-1345.

**1964** Narayana, T. V.; Bent, D. H.: Computation of the number of score sequences in round-robin tournaments. *Canadian Math. Bull.* **7** (1964), 133-136. **E** number of score sequences for $n = 2, \ldots, 36$ with errors

**1967** Harary, Frank; Palmer, Ed: On the problem of reconstructing of tournaments from subtournaments. *Monats. Math.* **71** (1967), 14-23. MR 35#86

**1968** Brauer, A.: Gentry, I. C.; Shaw K.: A new proof of a theorem by H. G. Landau on tournament matrices. *J. Combinatorial Theory, Ser. A* **5** (1968), 289-292.

Moon, John W.: *Topics on Tournaments.* Holt, Rinehart and Winston, New York, 1968, pp. 104. wonderful review **E**

Riordan, J.: The number of score sequences in tournaments. *J. Combinatorial Theory* **5** (1968), 87-89. MR37#3966

**1969** Harary, Frank: *Graph Theory.* Addison-Wesley Publ. Comp., Reading, 1969 (in Russian: Mir, Moscow, 1973, pp. 300). textbook with basic results **R**

Reid, K. Brooks: On sets of arcs containing no cycle in a tournament. *Canadian Math. Bull.* **12** (1969), 261-264.

Riordan, J.: Erratum: The number of score sequences in tournaments. *J. Combinatorial Theory* **6** (1969), 226. MR38#3159

**1970** Moon, John W.; Pullman, N. J.: On generalized tournament matrices. *SIAM Reviews* **12** (1970), 384-399.

Reid, K. Books: Two applications of Turán's theorem to asymmetric digraphs. In: *Combinatorial Structures and their Applications.* Gordon and Breach, New York, 1970, 351-353.

Reid, K. Books; Parker, E. T.: Disproof of a conjecture of Erdős and Moser on tournaments. *J. Combinatorial Theory* **9** (1970), 225-238. **E**

**1971** Graham, Ronald L.; Spencer, Joel H.: A constructive solution to a tournament problem. *Canadian Math. Bull.*. **14** no. 1, (1971), 45-48. **E** `rlg@research.att.com`

Moser. Leo: Asymptotics of tournament scores. *Combinatorics.* (Proc. Sympos. Pure Math.) **XIX**. Amer. Math. Soc., Providence, 1971, 175-176. MR47#32-36.

Narayana, T. V.; Mathsen, R. M.; Sarangi J.: An algorithm for generating partitions and its applications. *J. Combinatorial Theory, Ser. A.* **11** (1971), 54-61. MR43#7342 **E**

Reid, K. Brooks: 1-cycles in $n$-tournaments having no $k$-cycles. *Congr. Numer.* **3** (1971), 473-482.

Spencer, J.: Optimal ranking of tournaments. *Networks* **1** (1971), 135-138. regular tournaments **E** `spencer@cs.nyu.edu`

**1972** Brown, Ezra; Reid, K. B.: Doubly regular tournaments are equivalent to skew Haramard matrices. *J. Combinatorial Theory* **12** (1972), 332-338. MR 45#8579

**1973** Harary Frank; Palmer, Edgar M.: *Graphical Enumeration.* Academic Press, New York, 1973 (in Russian: Mir, Moscow, 1977, pp. 324). number of nonisomorphic tournaments with proof **R** `fnh@crl.nmsu.edu`

Kleitman, Daniel J.; Wang, D. L.: Algorithms for constructing graphs and digraphs with given valencies and factors. *Discrete Math.* **6** (1973), 79-88.

Knuth, Donald E.: Permutations with nonegative partial sums. *Discrete Math.* **5** (1973) 367-371. **E**

Reid, K. B.: Equivalence of $n$-tournaments via $k$-path reversals. *Discrete Math.* **6** (1973), 263-280. MR ??8342

**1974** Alspach, B.; Reid, K. B.; Roselle, D. P.: Bypasses in asymmetric digraphs. *J. Combinatorial Theory, Ser. B* **17** (1974), 11-18.

Spencer, Joel H.: Random regular tournaments *Periodica Mathematica Hungar.* **5** (1974), 105-120. MR#5359 **E**

**1976** Andrews, George E.: *The Theory of Partitions.* Addison-Wesley, Reading, 1976 (in Russian: Nauka, Mir, 1982, pp. 255). **R**

Bondy, J. A.; Murty, U. S. R.: *Graph Theory with Applications.* The MacMillen Press, London, 1976, pp. 264. textbook with a tournament ranking algorithm **L**

Chartrand, G.; Lesniak-Foster, L.; Roberts, J.: Degree-sets for digraphs. *Periodica Math. Hungar.* **7** (1976), 77-85.

Reid, K. B.; Thomassen, C.: Strongly self-complementary and hereditary isomorphic tournaments. *Monatshefte für Math.* **81** (1976), 291-304. **E** MR 55#2640

**1977** Bang, Chang M.; Sharp, Henry Jr.: An elementary proof of Moon's theorem on generalized tournaments. *J. Combinatorial Theory, Ser. B* **24** (1977), 299-301. MR56#176

Reingold, Edward M.; Nievergelt, Jurg; Deo, Narsingh: *Combinatorial Algorithms.* Prentice-Hall, Englewood Cliffs, 1977 (in Russian: Mir, Moscow, 1980). algorithms (as isomorphism) **R**

Stockmeyer, P. K.: The falsity of the reconstruction conjecture for tournaments. *J. Graph Theory* **1** (1977), 19-25.

**1978** Alspach, Brian; Reid, K. B.: Degree frequencies in digraphs and tournaments. *J. Graph Theory* **2** (1978), 241-249. **E** MR MR80a:05100

Herzog, Marcel; Reid, K. B.: Regularity in tournaments. In: *Theory and Applications of Graphs, LNM* **642**. Springer Verlag, Berlin, 1978, 442-453.

Reid, K. B.: Score sets for tournaments. *Congress. Numer., Utilitas Math.* **XXI** (1978), 607-618. **M**

**1979** Bang, Chang M.; Sharp, Henry Jr.: Score vectors of tournaments. *J. Combinatorial Theory, Ser. B* **26** (1979), 81-84. **E** MR80d:05025

Beineke, L. W.; Reid, K. B.: Tournaments. Chapter 7 in *Selected Topics in Graph Theory* (ed. by L. W. Beineke and R. J. Wilson). Academic Press, London, 1979, 169-204.

Even, Shimon: *Graph Algorithms.* Computer Science Press, Rockville, 1979, pp. 249. **E**

Gessel, I.; Wang, D. L.: Depth-first search as a combinatorial correspondence. *J. Combinatorial Theory, Ser. A* **26** (1979), 308-313.

**1980** Avery, Peter: Condition for a tournament score sequence to be simple. *J. Graph Theory* **4** (1980), 157-164.

Maurer, Stephen B.: King chicken theorems. *Math. Mag.* **53** (1980), 67-80.

Reid, K. B.: Tournaments with prescribed numbers of kings and serfs. *Congr. Numer.* **29** (1980), 809-826.

Thomassen, Carsten: Hamiltonian-connected tournaments. *J. Combinatorial Theory, Ser. B* **28** (1980), 142-163. **E**

**1981** Beineke, L. W.; Moon, J. W.: On bipartite tournaments and scores. In: *The Theory and Applications of Graphs* (Conf. in Kalamzoo, 1980). Wiley, New York, 1981, 55-71.

Kleitman, Daniel J.; Winston, Kenneth J.: Forests and score vectors. *Combinatorica* **1** (1981), 49-54. **E** number of score vectors is $\Theta(n^{n-2})$

Narayana, T. V.: Recent progress and unsolved problems in dominance theory. *LNCS* ??? 68-78.

**1982** Harborth, Heiko; Kemnitz, Arnfried: Eine Anzahl der Fussball Tabellen (The number of score sequences for football tables). *Math. Semesterber.* **29** (1982), 258-263. **G** MR84d:05089 recursion and computer data (up 20 players) for chess (classical football)

King, K. N.; Smith-Thomas, Barbara: An optimal algorithm for sink finding. *Inf. Proc. Letters* **14** (1982), 109-111. **E** MR83h68058

Lin, Yu Cai; Huang, ???: Score vectors of Kotzig tournaments. *J. Combin. Theory, Ser. B.* **42** no. 3 (1987), 328-336. MR88i05089

Reid, K. B.: Every vertex a king. *Discrete Math.* **38** no. 1, (1982), 93-98.

**1983** De La Vega, W. Fernandez: On the maximal cardinality of a consistent set of arcs in a random tournament. *J. Combinatorial Theory, Ser. B* **35** (1983) 328-332. **E**

Hell, Pavol; Rosenfeld, Moshe: The complexity of finding generalized paths in tournaments. *J. Algorithms* **4** (1983), 303-309. Hamiltonian path with prescribed results **E**

Reid, K. B.; Wormald, N.: Embedding oriented $n$-trees in tournaments. *Studia Sci. Math. Hungar.* **18** no. 2-4, (1983) 377-387. ZB 563/05025 ?

Reid, K. B.: Monochromatic reachability, complementary cycles and single arc reversals in tournaments. In: *Graph Theory. LNM* **1073.** Springer Verlag, Berlin, 1984, 11-21.

Winston, K. J.; Kleitman, D. J.: On the asymptotic number of tournament score sequences. *J. Combinatorial Theory, Ser. A*, **35** (1983), 208-230. MR 85b05093 **E** number of score sequences is $\Omega(4^n n^{-2,5})$ and $O(4^n n^{-2})$

**1984** Bridgland, Michael F.; Reid, K. B.: Stability of kings in tournaments. In: *Progress in Graph Theory* (ed. by J. A. Bondy and U. S. R. Murty). Academic Press, Toronto, 1984, 117-128. **L**

Gibson, P. M.: A bound for the number of tournaments with specified scores. *J. Combinatorial Theory, Ser. B.* (1984), 240-243. MR85f 05067

Noga, Alon: A note on subdigraphs of digraphs with large outdegrees. *Discrete Math.* **49** no. 3, (1984), 321–322. MR85i:05114

Thomassen, Carsten.: Connectivity in tournaments. In: *Graph Theory and Combinatorics* (ed. by Béla Bollobás), Academic Press, London, 1984, 305-313.

**1985** Kocay, W. L.: On Stockmeyer's nonreconstructible tournaments. *J. Graph Theory* **9** no. 4, (1985), 473-476.

Reid, K. B.: Two complementary cycles on two-connected tournaments. *Annals of Disc. Math.* **27** (1985), 321-334.

Zeilberger, D.; Bressoud, D. M.: A proof of Andreiws $q$-Dyson conjecture. *Discrete Math.* **54** (1985), 201-224.

**1986** Calderbank, A. R.; Hanlon, Phil: The extension to root systems of a theorem on tournaments. *J. Combinatorial Theory, Ser. A.* **41** (1986), 228-245. **E**

Hager, M.: On score sets for tournaments. *Discrete Math.* **58** (1986), 25-34. MR87a:05073

Honghui, W.; Qiao, L.: On the number of tournaments with prescribed score vector. *Discrete Math.* **60** (1986), ???-???

Stanley, Richard P.: *Enumerative Combinatorics. Vol. 1.* Wadsworth and Brooks/Cole, Monterey, 1986 (in Russian: Mir, Moscow, 1990, pp. 440). textbook and monography with exercises **R**

Wan, H.-H.; Li, Q.: On the number of tournaments with prescribed score vector. *Discrete Math.* **61** (1986), 213-219. MRh:05106.

**1987** Lin, Y. C.; Huang, G. X.; Li, J. S.: Score vectors of Kotzig tournaments. *J. Combinatorial Theory, Ser. B* **42** (1987), 328- 336. MR88i:05089

**1988** Gervatio, Severino: Tournament score sequences. *Ann. New York Acad. Sci.* **76**. New York, 1989, 200-202, MR92b05042

Gervatio, Severino: Score sequences: lexicigraphic enumeration and tournament construction. *Discrete Math.* **72** no. 1-3, (1988), 151-155. MR ???

Poljak, S.; Rödl, V.; Spencer, Joel: Tornament ranking with expected profit in polynomial time. *SIAM J. Discrete Math..* **1** (1988), 372-376.

Reid, K. Books: Three problems on tournaments. In: *Graph Theory and its Applications, East and West. Ann. New York Acad.Sci.* **576** (1989), 466-473. MR92c:05072

Soroker, Danny: Fast parallel algorithm for finding Hamiltonian paths and cycles in a tournament. *J. Algorithms* **9** no. 2, (1988), 276-286. **E** MR89c:68051

Spencer, Joel: *Ten Lectures on the Probabilistic Methods.* Society for Industrial and Applied Mathematics, Philadelphia, 1987, pp. 78. **E**

Thomassen, Carsten: Arc reversals in tournaments. *Discrete Math.* **72** no. 1, (1988), 73-80.

Yao, T. X.: On Reid's conjecture of score sets for tournaments. *Chinese Sci. Bull.* **34** (1989), 804-808. MR90g:05094

**1990** Bang-Jensen, Jørgen: Locally semicomplete digraphs: a generalization of tournaments. *J. Graph Theory* **14** (1990), 371-390. **E** MR93g:05059

Leighton, Tom; Plaxton, C. Greg A (fairly) simple circuit that (usually) sorts. *31st Annual Symposium on Foundations of Computer Science, Vol. I, II.* (St. Louis, MO, 1990). IEEE Comput. Soc. Press, Los Alamitos, CA, 1990. 264-274. MR92j:68018

McKay B. D.: The asymptotic numbers of regular tournaments, Eulerian digraphs and Eulerian oriented graphs. *Combinatorica* **10** (4) (1990), 367-377. quasiregular tournaments **E**

Soroker, D.: Optimal parallel construction of prescribed tournaments. *Discrete Applied Math.* **29** (1990), 113-125. **E** MR91k:68095

**1991** Avery, Peter: Score sequences of oriented graphs. *J. Graph Theory* **15** no. 2, (1991?), 251-257.

Reid, K. B.: Majority tournaments: Sincere and sophisticated voting decisions under amendment procedure. *Mathematical Soc. Sci.* **21** (1991), 1-19.

Reid, K. B.: The relationship between two algorithms for decisions via sophisticated majority voting with an agenda. *Discrete Appl. Math.* **31** (1991), 23-28. **E**

**1992** Stockmeyer, P. K.: *Who Is the Best Double Tennis Player?* Wiley Interscience, New Jersey, 1992 MR 93c05055

**1993** Ananchuen, W.; Caccetta , L.: On tournaments with a prescribed property. *Ars Combi.* **36** (1993), 89-96. MR 94f65060

Bang-Jensen, Jørgen; Huang, Jing; Prisner, Erich: 4-tournament digraphs. *J. Combinatorial Theory, Ser. B* **59** no. 2, (1993), 267-287. MR 94i05041 **E**

Gervatio, Severino-V.: Construction of tournaments with a given score sequence. *Southest.-Asian Bull. Math.* **17** no. 2, (1993), 151-155. MR 95a05045

Goldberg, L.: *Efficient Algorithms for Listing Combinatorial Structures*. Cambridge University Press, 1993.

Moon, J. W.: Tournaments with a given number of kings and serfs. *Congr. Numer.* **96** (1993), 27-32.

Sadovskii, L. E.; Sadovskii, A. L.: *Mathematics and Sports*. Amer. Math. Soc., Providence, 1993, pp. 152 (in Russian: 1985, Nauka, pp. 191). MR 94k00010 **L** + **R**

**1994** Knuth, Donald E.: *The Stanford Graphbase: A Platform for Combinatorial Computing*. Addison-Wesley, Reading, 1994. **L**

Knuth, Donald E., Graham, Ronald L.; Patashnik, Oren: *Concrete Mathematics*. Second (revised) edition. Addison-Wesley, Reading, 1994, pp. (In Hungarian: Műszaki Könyvkiadó, Budapest, 1998, pp. 647; `katai@compalg.elte.hu`). mathematical tools **H** + **E**

Neumann-Lara, V.: The 3- and 4-dichromatic tournaments of minimum order. *Discrete Math.* **125** no. 1-3, (1994), 233-243 MR 95k05036

Sanchez-Flores, Adolfo: On tournaments and their largest transitive subtournament. *Graphs and Combinatorics* **10** no. 4, (1994), 367-376. MR95j:05108

Spencer, J.: From Erdős to algorithms. *Disc. Math.* **136** (1-3) (1994), 395-397. MR 95m05001

**1995** Balasubramanian, R.; Raman, Venkatesh; Srinivasaragavan, G.: Tight bounds for finding degrees from adjacency matrix. In: *Proc. of LATIN95, LNCS* **911**. Springer Verlag, Berlin, 1995, 49-59. **E**

Bang-Jensen, Jørgen; Huang, Jing: Quasi-transitive digraphs. *J. Graph Theory* **20** (2) (1995), 141-161. MR 99a05054 kings **E**

Dampis, E.; Hell, Pavol; Manoussakis, Y.; Rosenfeld, M.: Finding an antidirected Hamiltonian path starting with a forward arc from a given vertex of a tournament. *LNCS* **1120**. Springer-Verlag, Berlin, 1995, 63-73.

Fisher D. C.; Ryan J.: Tournament games and positive tournaments. *J. Graph Theory* **19** (1995), 217-236.

Fletcher III, Raymond R.: Greatest midpoint tournaments. *Congr. Numer.* **111** (1995), 77-96. **E** MR96i05072

Gutin, G.: Cycles and paths in semicmplete multipartite digraphs, theorems and algorithms: a survey. *J. Graph Theory* **19** (1995), 481-505.

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## RECENT PUBLICATIONS CONNECTED WITH TOURNAMENTS

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