

List of Published Research Papers by Earl Glen Whitehead, Jr.
As of on August 27, 2004

- [1] K. J. Burch, and E. G. Whitehead, Jr., Melting-Point Models of Alkanes, *Journal of Chemical & Engineering Data* 49 (2004) 858-863.
- [2] K. J. Burch, D. K. Wakefield and E. G. Whitehead, Jr., Boiling Point Models of Alkanes, *MATCH (Communications in mathematical and in computer chemistry)* 47 (2003) 25-52.
- [3] H. Shahmohamad and E. G. Whitehead, Jr., Homeomorphs and amallamorphs of the Petersen graph, *Discrete Math.* 250 (2002) 281-289.
- [4] R. C. Read and E. G. Whitehead, Jr., The Tutte polynomial for homeomorphism classes of graphs, *Discrete Math.* 243 (2002) 267-272.
- [5] Read, Ronald C.; Whitehead, Earl Glen, Jr. Chromatic polynomials of homeomorphism classes of graphs. *Discrete Math.* 204 (1999), no. 1-3, 337--356. (MR 2000b:05059)
- [6] Whitehead, Earl Glen, Jr. Chromatically equivalent K_4 homeomorphs. *Combinatorics, graph theory, and algorithms, Vol. I, II (Kalamazoo, MI, 1996)*, 867--872, New Issues Press, Kalamazoo, MI, 1999.
- [7] Holland, Jonathan Earl; Whitehead, Earl Glen, Jr. On matching equivalent graphs. *Papers in honour of Anne Penfold Street. J. Combin. Math. Combin. Comput.* 28 (1998), 227--235. (MR 99i:05167)
- [8] Guo, Zhi-Yi; Whitehead, Earl Glen, Jr. Chromaticity of a family of K_4 homeomorphs. *Chromatic polynomials and related topics (Shanghai, 1994)*. *Discrete Math.* 172 (1997), no. 1-3, 53--58. (MR 98g:05059)
- [9] Whitehead, Earl Glen, Jr. An improved algorithm for computing matching polynomials. *Graph theory, combinatorics, and algorithms, Vol. 1, 2 (Kalamazoo, MI, 1992)*, 1243--1247, Wiley-Intersci. Publ., Wiley, New York, 1995. (MR 97e:05187)
- [10] Li, Nian Zu; Whitehead, Earl Glen, Jr. The chromaticity of certain graphs with five triangles. *Discrete Math.* 122 (1993), no. 1-3, 365--372. (MR 94f:05057)
- [11] Farrell, E. J.; Whitehead, Earl Glen, Jr. Connections between the matching and chromatic polynomials. *Internat. J. Math. Math. Sci.* 15 (1992), no. 4, 757--766. (MR 93h:05125)
- [12] Li, Nian Zu; Whitehead, Earl Glen, Jr. The chromatic uniqueness of W_{10} . *Discrete Math.* 104 (1992), no. 2, 197--199. (MR 93h:05125)
- [13] Constantine, Gregory M.; Whitehead, Earl Glen, Jr. Extremal characterizations of design graphs. *Bull. Inst. Combin. Appl.* 3 (1991), 65--68. (MR 92m:05155)
- [14] Li, Nian Zu; Whitehead, Earl Glen, Jr. Classification of graphs having cubic χ -polynomials. *Graph theory and its applications: East and West (Jinan, 1986)*, 328--335, Ann. New York Acad. Sci., 576, New York Acad. Sci., New York, 1989. (MR 92j:05072)
- [15] Whitehead, Earl Glen, Jr. Chromatic polynomials and the structure of graphs. *Graph theory and its applications: East and West (Jinan, 1986)*, 630--632, Ann. New York Acad. Sci., 576, New York Acad. Sci., New York, 1989. (MR 92f:05041)
- [16] Farrell, E. J.; Whitehead, Earl Glen, Jr. Matching, rook and chromatic polynomials and chromatically vector equivalent graphs. *J. Combin. Math. Combin. Comput.* 9 (1991), 107--118. (MR 92b:05037)

- [17] Farrell, E. J.; Whitehead, Earl Glen, Jr. On matching and chromatic properties of circulants. *J. Combin. Math. Combin. Comput.* 8 (1990), 79--88. (MR 91j:05080)
- [18] Whitehead, Earl Glen, Jr. Chromatic polynomials of generalized trees. *Proceedings of the First Japan Conference on Graph Theory and Applications (Hakone, 1986)*. *Discrete Math.* 72 (1988), no. 1-3, 391--393. (MR 89m:05052)
- [19] Li, Nian Zu; Whitehead, Earl Glen, Jr.; Xu, Shao Ji Classification of chromatically unique graphs having quadratic χ -polynomials. *J. Graph Theory* 11 (1987), no. 2, 169--176. (MR 88c:05057)
- [20] Whitehead, Earl Glen, Jr. Chromaticity of two-trees. *J. Graph Theory* 9 (1985), no. 2, 279--284. (MR 86i:05065)
- [21] Whitehead, Earl Glen, Jr.; Zhao, Lian Chang Cutpoints and the chromatic polynomial. *J. Graph Theory* 8 (1984), no. 3, 371--377. (MR 85i:05111)
- [22] Whitehead, Earl Glen, Jr.; Zhao, Lian Chang Chromatic uniqueness and equivalence of K_4 homeomorphs. *J. Graph Theory* 8 (1984), no. 3, 355--364. (MR 85g:05078)
- [23] Loerinc, Beatrice; Whitehead, Earl Glen, Jr. Chromatic polynomials for regular graphs and modified wheels. *J. Combin. Theory Ser. B* 31 (1981), no. 1, 54--61. (MR 82k:05048)
- [24] Whitehead, Earl Glen, Jr. Four-discordant permutations. *J. Austral. Math. Soc. Ser. A* 28 (1979), no. 3, 369--377. (MR 81e:05011)
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- [32] Street, A. P.; Whitehead, E. G., Jr. Locally maximal sum-free sets. *Infinite and finite sets (Colloq., Keszthely, 1973; dedicated to P. Erdős on his 60th birthday)*, Vol. III, pp. 1405--1409. *Colloq. Math. Soc. Janos Bolyai*, Vol. 10, North-Holland, Amsterdam, 1975. (MR 51 #8067)

- [33] Whitehead, Earl Glen, Jr. Algorithms associated with Ramsey's theorem. Combinatorial algorithms (Courant Comput. Sci. Sympos., No. 9, 1972), pp. 109--126. Algorithmics Press, New York, 1973. (MR 50 #12786)
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