

Douglas B. West – List of Publications

- B1. *Introduction to Graph Theory*. Prentice Hall (1996), xvi+512 pages, ISBN 0-13-227828-6. *Second edition* Prentice Hall (2001), xviii+558 pages, ISBN 0-13-014400-2.
- B2. *Mathematical Thinking: Problem-Solving and Proofs* (with John P. D'Angelo). Prentice Hall (1997), xviii+365 pages, ISBN 0-13-263393-0. *Second edition* Prentice Hall (2000), xx+412 pages, ISBN 0-13-014412-6.
- B3. *Combinatorial Mathematics*. (in preparation).
- Bn. *The Art of Combinatorics* (four volumes, in preparation).

Preprints submitted for publication

- 232. The vulnerability of the diameter of enhanced hypercubes (with M. Ma and J.-M. Xu)
- 231. Strongly connectable digraphs and non-transitive dice (with S. Joyce, A. Schaefer, and T. Zaslavsky)
- 230. Online paintability: The slow-coloring game (with T. Mahoney and G.J. Puleo)
- 229. Decomposition of sparse graphs into forests: The Nine Dragon Tree Conjecture for $k \leq 2$ (with M. Chen, S.-J. Kim, A.V. Kostochka, and X. Zhu)
- 228. Decomposition of regular hypergraphs (with J.O. Choi)
- 227. A guide to discharging (with D.W. Cranston)
- 226. Circular chromatic Ramsey number (with K.F. Jao, C. Tardif, and X. Zhu)

Refereed Publications

- 225. The game saturation number of a graph (with J.M. Carraher, W.B. Kinnersley, and B. Reiniger) *J. Graph Theory* (accepted)
- 224. Uniquely t -cycle saturated graphs (with P.S. Wenger). *J. Graph Theory* (published on-line 6 May 2016, DOI: 10.1002/jgt.22048)
- 223. Minimum degree and dominating paths (with R.J. Faudree, R.J. Gould, and M.S. Jacobson). *J. Graph Theory* (published on-line 29 February 2016, DOI: 10.1002/jgt.22021)
- 222. Coloring, sparseness, and girth (with N. Alon, B. Reiniger, A.V. Kostochka, and X. Zhu). *Israel J. Math.* (in press)
- 221. A new proof that 4-connected planar graphs are Hamiltonian-connected (with X. Lu). *Discuss. Math. Graph. Th.* 36 (2016), 555–564.
- 220. To catch a falling robber (with W.B. Kinnersley and P. Prałat). *Theor. Comput. Sci.* 627 (2016), 107–111.
- 219. On r -dynamic coloring of graphs (with S. Jahanbekam, J. Kim, and S. O) *Discrete Appl. Math.* 206 (2016), 65–72.
- 218. Extremal problems for degree-based topological indices (with Y. Tang and B. Zhou). *Discrete Appl. Math.* 203 (2016), 134–143.
- 217. Anti-Ramsey problems for t edge-disjoint rainbow spanning subgraphs: cycles, matchings, or trees (with S. Jahanbekam). *J. Graph Theory* 82 (2016), 75–89.
- 216. Cubic graphs with large ratio of independent domination number to domination number (with S. O). *Graphs and Combin.* 32 (2016), 773–776.
- 215. Rainbow spanning subgraphs of small diameter in edge-colored complete graphs (with S. Jahanbekam). *Graphs and Combin.* 32 (2016), 707–712.
- 214. Degree-associated reconstruction parameters of complete multipartite graphs and their complements (with M. Ma, H. Shi, and H. Spinoza). *Taiwanese J. Math.* 19 (2015), 1271–1284.

213. Ordered Ramsey theory and track representations of graphs (with K.G. Milans and D. Stolee). *J. Combinatorics* 6 (2015), 445–456.
212. Sharp bounds on the Chinese Postman Problem for 3-regular graphs and multigraphs (with S. O). *Discrete Appl. Math.* (190/191 (2015), 163–168).
211. The adversary degree-associated reconstruction number of double-brooms (with M. Ma and H. Shi). *J. Discrete Algs.* 33 (2015), 150–159.
210. On r -dynamic coloring of grids (with R. Kang and T. Müller). *Discrete Appl. Math.* (186 (2015), 286–290).
209. Sharp lower bounds on the fractional matching number (with R.E. Behrend and S. O). *Discrete Appl. Math.* (186 (2015), 272–274).
208. Sum-paintability of generalized theta-graphs (with J. Carraher, T. Mahoney, and G.J. Puleo). *Graphs and Combin.* 31 (2015), 1325–1334.
207. Beyond Ohba’s Conjecture: A bound on the choice number of k -chromatic graphs with n vertices (with J.A. Noel, H. Wu, and X. Zhu) *European J. Comb.* 43 (2015), 295–305.
206. The 1,2,3-Conjecture and 1,2-Conjecture for sparse graphs (with D.W. Cranston and S. Jahanbekam) *Discuss. Math. Graph. Th.* 34 (2014), 769–799.
205. Linear discrepancy of chain products and posets of bounded degree (with J.O. Choi and K.G. Milans). *Order* 31 (2014), 291–305.
204. Permutation bigraphs and interval containments (with P.K. Saha, M. Basu, and M.K. Sen). *Discrete Appl. Math.* 175 (2014), 71–78.
203. Three topics in online list coloring (with J. Carraher, S. Loeb, T. Mahoney, G.J. Puleo, and M.-T. Tsai). *J. Combinatorics* 5 (2014), 115–130.
202. Cutwidth of triangular grids (with L. Lin and Y. Lin). *Discrete Math.* 331 (2014), 89–92.
201. Equicovering Subgraphs of Graphs and Hypergraphs (with I. Choi, J. Kim, and A.N. Tebbe). *Electronic J. Comb.* 21 (2014), Paper #P1.62, 17pp.
200. Decomposition of cartesian products of regular graphs into isomorphic trees (with K.F. Jao and A.V. Kostochka). *J. Combinatorics* 4 (2013), 469–490.
199. New lower bounds on matching numbers of general and bipartite graphs (with S. Jahanbekam) *Congr. Numer.* 218 (2013), 57–59.
198. Extremal problems for game domination number (with W.B. Kinnersley and R. Zamani). *SIAM J. Discr. Math.* 27 (2013), 2090–2107.
197. Decomposition of sparse graphs into forests and a graph with bounded degree (with S.-J. Kim, A.V. Kostochka, H. Wu, and X. Zhu). *J. Graph Theory* 74 (2013), 369–391.
196. Total acquisition in graphs (with T.D. LeSaulnier, N. Prince, P.S. Wenger, and P. Worah). *SIAM J. Discr. Math.* 27 (2013), 1800–1819.
195. Extremal graphs with a given number of perfect matchings (with S.G. Hartke, D. Stolee, and M. Yancey). *J. Graph Theory* 73 (2013), 449–468.
194. Bounds on the k -dimension of products of special posets (with M. Baym). *Order* 30 (2013), 779–796.
193. Visibility number of directed graphs (with M. Axenovich, A. Beveridge, and J.P. Hutchinson). *SIAM J. Discr. Math.* 27 (2013), 1429–1449.
192. Extensions to 2-factors in bipartite graphs (with J. Vandenbussche). *Electronic J. Comb.* 20 (2013), no. 3, Paper #11, 10pp.
191. Rainbow edge-coloring and rainbow domination (with T.D. LeSaulnier). *Discrete Math.* 313 (2013), 2020–2025.
190. Game matching number of graphs (with D.W. Cranston, W.B. Kinnersley, and S. O). *Discrete Appl. Math.* 161 (2013), 1828–1836.

189. Acquisition-extremal graphs (with T.D. LeSaulnier). *Discrete Appl. Math.* 161 (2013), 1521–1529.
188. Degree Ramsey numbers of cycles and blowups of trees (with T. Jiang and K.G. Milans). *European J. Comb.* 34 (2013), 414–423.
187. Chain-making games in grid-like posets (with D.W. Cranston, W.B. Kinnersley, K.G. Milans, and G.J. Puleo). *J. Combinatorics* 3 (2012), 633–649.
186. Revolutionaries and spies in trees and unicyclic graphs (with D.W. Cranston and C.D. Smyth) *J. Combinatorics* 3 (2012), 195–205.
185. Multicolor on-line degree Ramsey numbers of trees (with W.B. Kinnersley). *J. Combinatorics* 3 (2012), 91–100.
184. Locating a robber on a graph via distance queries (with J. Carraher, I. Choi, M. Delcourt, and L.H. Erickson). *Theor. Comput. Sci.* 463 (2012), 54–61.
183. Revolutionaries and Spies: Spy-good and spy-bad graphs (with J.V. Butterfield, D.W. Cranston, G. Puleo, and R. Zamani). *Theor. Comput. Sci.* 463 (2012), 35–53.
182. Cycle spectra of Hamiltonian graphs (with K.G. Milans, F. Pfender, D. Rautenbach, and F. Regen). *J. Comb. Theory (B)* 102 (2012), 869–874.
181. The A_4 -structure of a graph (with M. Barrus). *J. Graph Theory* 71 (2012), 159–175.
180. Spanning cycles through specified edges in bipartite graphs (with R. Zamani). *J. Graph Theory* 71 (2012), 1–17.
179. Vertex degrees in outerplanar graphs (with K.F. Jao). *J. Comb. Math. Comb. Comp.* 82 (2012), 229–239.
178. Packing of graphic n -tuples (with A.H. Busch, M.J. Ferrara, S.G. Hartke, M.S. Jacobson, and H. Kaul). *J. Graph Theory* 70 (2012), 29–39.
177. Overlap number of graphs (with D.W. Cranston, N. Korula, T.D. LeSaulnier, K.G. Milans, C. Stocker, and J. Vandenbussche). *J. Graph Theory* 70 (2012), 10–28.
176. Degree Ramsey numbers of graphs (with W.B. Kinnersley and K.G. Milans). *Combinatorics, Probability, and Computing* 21 (2012), 229–253.
175. Length thresholds for graphic lists given fixed largest and smallest entries and bounded gaps (with M.D. Barrus, S.G. Hartke, and K.F. Jao). *Discrete Math.* 312 (2012), 1494–1501.
174. Uniquely C_4 -saturated graphs (with J. Cooper, J. Lenz, T.D. LeSaulnier, and P.S. Wenger). *Graphs and Combin.* 28 (2012), 189–197.
173. Packing of Steiner trees and S -connectors in graphs (with H. Wu). *J. Comb. Theory (B)* 102 (2012), 186–205.
172. Connected domination number of a graph and its complement (with H. Karami, A. Khodkar, and S.M. Sheikholeslami). *Graphs and Combin.* 28 (2012), 123–131.
171. Longest cycles in k -connected graphs with given independence number (with S. O and H. Wu). *J. Comb. Theory (B)* 101 (2011), 480–485.
170. A short proof of the Berge–Tutte Formula and the Gallai–Edmonds Structure Theorem. *European J. Comb.* 32 (2011), 674–676.
169. A new proof of 3-colorability of Eulerian triangulations (with M.-T. Tsai). *Ars Mathematicae Contemp.* 4 (2011), 73–77.
168. On-line Ramsey Theory for bounded degree graphs (with J. Butterfield, T. Grauman, W.B. Kinnersley, K.G. Milans, and C. Stocker). *Electronic J. Comb.* 18 (2011), Paper P136, 22 pages.
167. Acyclic sets in k -majority tournaments (with K.G. Milans and D.H. Schreiber). *Electronic J. Comb.* 18 (2011), Paper P122, 8 pages.
166. Equitable hypergraph orientations (with Y. Caro & R. Yuster). *Electr. J. Comb* 18 (2011), Paper P121, 6pp.
165. Matching and edge-connectivity in regular graphs (with Suil O). *European J. Comb.* 32 (2011), 324–329.
164. Degree-splittability of multigraphs and caterpillars (with J.O. Choi and L. Ozkahya). *Proc. 42th S.E. Intl.*

- Conf. Graph Th. Comb. Comp. Congr. Numer.* 202 (2010), 137–147.
163. The edge-count criterion for degree lists (with G. Isaak). *Electronic J. Comb.* 17 (2010), Paper N36, 4 pages.
162. Degree-associated reconstruction number of graphs (with M. D. Barrus). *Discrete Math.* 310 (Issue dedicated to Carsten Thomassen on his 60th birthday) (2010), 2600–2612.
161. Forbidden subposets for fractional weak discrepancy at most k (with J. O. Choi). *European J. Comb.* 31 (2010), 1957–1963.
160. Rainbow matching in edge-colored graphs (with T.D. LeSaulnier, C. Stocker, and P.S. Wenger). *Electronic J. Comb.* 17 (2010), Paper N26, 5 pages.
159. Decomposition of sparse graphs, with application to game coloring number (with M. Montassier, A. Pêcher, A. Raspaud, and X. Zhu). *Discrete Math.* 310 (2010), 1520–1523.
158. A short proof of the Erdős–Gallai characterization of degree lists (with A. Tripathi and S. Venugopalan). *Discrete Math.* 310 (2010), 843–844.
157. Balloons, cut-edges, matchings, and total domination in regular graphs of odd degree (with Suil O). *J. Graph Theory* 64 (2010), 116–131.
156. Oriented diameter of graphs with diameter 3 (with P.K. Kwok and Q. Liu). *J. Comb. Theory (B)* 100 (2010), 265–274.
155. Extremal problems for Roman domination (with E.W. Chambers, B. Kinnersley, and N. Prince). *SIAM J. Discr. Math.* 23 (2009), 1575–1586.
154. Matching extendibility in hypercubes (with J. Vandenbussche). *SIAM J. Discr. Math.* 23 (2009), 1539–1547.
153. The pagenumber of k -trees (with J.R. Vandenbussche and G. Yu). *SIAM J. Discr. Math.* 23 (2009), 1455–1464.
152. Classes of 3-regular graphs that are $(7,2)$ -edge-choosable (with D.W. Cranston). *SIAM J. Discr. Math.* 23 (2009), 872–881.
151. Chromatic number for a generalization of Cartesian product graphs (with D. Král’). *Electronic J. Comb.* 16 (2009), Paper #R71, 9 pages.
150. Proper path-factors and interval edge-coloring of $(3,4)$ -biregular bigraphs (with A.S. Asratian, C.J. Casselgren, and J. Vandenbussche). *J. Graph Theory* 61 (2009), 88–97.
149. Independence number of 2-factor-plus-triangles graphs (with J. Vandenbussche). *Electronic J. Comb.* 16 (2009), Paper #R27, 14 pages.
148. Implications among linkage properties of graphs (with Q. Liu and G. Yu). *J. Graph Theory* 60 (2009), 327–337.
147. Repetition number of graphs (with Y. Caro). *Electronic J. Comb.* 16 (2009), Paper #R7, 14 pages.
146. Optimal strong parity edge-coloring of complete graphs (with D.P. Bunde, K. Milans, and H. Wu). *Combinatorica* 23 (2008), 625–632.
145. Duality for semiantichains and unichain coverings in products of special posets (with Q. Liu). *Order* 25 (2008), 359–367.
144. Triangle-free planar graphs with minimum degree 3 have radius at least 3 (with S.-J. Kim) *Discuss. Math. Graph. Th.* 28 (2008), 563–566.
143. $(5,2)$ -coloring of sparse graphs (with O.V. Borodin, S.G. Hartke, A.G. Ivanova, and A.V. Kostochka). *Siberian Electr. Math. Reports* 5 (2008), 417–426 (published at <http://semr.math.nsc.ru>).
142. The hub number of a graph (with T. Grauman, S.G. Hartke, A. Jobson, B. Kinnersley, L. Wiglesworth, P. Worah, and H. Wu) *Info. Proc. Letters* 108 (2008), 226–228.
141. Long local search for large bipartite subgraphs (with H. Kaul). *SIAM J. Discr. Math.* 22 (2008), 1138–1144.
140. Tree-thickness and caterpillar-thickness under girth constraints (with Q. Liu). *Electronic J. Comb.* 15 (2008), Paper #R93, 11pp.
139. Pebbling and optimal pebbling in graphs (with D.P. Bunde, E.W. Chambers, D. Cranston, and K. Milans).

- J. Graph Theory* 57 (2008), 215–238.
138. Circular chromatic index of cartesian products of graphs (with X. Zhu). *J. Graph Theory* 57 (2008), 7–18.
137. Parity and strong parity edge-coloring of graphs (with D.P. Bunde, K. Milans, and H. Wu). *Proc. 39th S.E. Intl. Conf. Graph Th. Comb. Comp. Congr. Numer.* 187 (2007), 193–213.
136. Some conjectures of Graffiti.pc on total domination (with E. DeLaVina, Q. Liu, R. Pepper, and B. Waller) *Proc. 39th S.E. Intl. Conf. Graph Th. Comb. Comp. Congr. Numer.* 185 (2007), 81–95.
135. Bounds for cut-and-paste sorting of permutations (with D. Cranston and I.H. Sudborough). *Discrete Math.* 307 (2007), 2866–2870.
134. Improved bounds on families with restricted k -wise set intersections (with W.-T. Cao and K.-W. Hwang). *Graphs and Combin.* 23 (2007), 381–386.
133. Extending precolorings to circular colorings (with M.O. Albertson). *J. Comb. Theory (B)* 96 (2006), 472–481.
132. Chvátal’s condition cannot hold for a graph and its complement (with A.V. Kostochka). *Discuss. Math. Graph. Th.* 26 (2006), 73–76.
131. Nordhaus–Gaddum-type theorems for decompositions into many parts (with Z. Füredi, A.V. Kostochka, R. Škrekovski, and M. Stiebitz) *J. Graph Theory* 50 (2005), 273–292.
130. Hypergraph extension of the Alon–Tarsi list coloring theorem (with R. Ramamurthi). *Combinatorica* 25 (2005), 355–366.
129. Precoloring extensions of Brooks’ Theorem (with M.O. Albertson and A.V. Kostochka). *SIAM J. Discr. Math.* 18 (2004), 542–553.
128. The visibility number of a graph (with Y.-W. Chang, J. Hutchinson, M.S. Jacobson, and J. Lehel). *SIAM J. Discr. Math.* 18 (2004), 462–471.
127. Homomorphisms from sparse graphs with large girth (with O.V. Borodin, S.-J. Kim, and A.V. Kostochka) *J. Comb. Theory (B)* 90 (2004), 147–159.
126. On pattern Ramsey numbers of graphs (with R.E. Jamison). *Graphs and Combin.* 20 (2004), 333–339.
125. Interval number of powers of block graphs (with M. Chen and G.W. Chang). *Discrete Math.* 275 (2004), 87–96.
124. Graphic and protographic lists of integers (with D. Fon-Der-Flaass). *Electronic J. Comb.* 11 (2004), paper R4 (electronic).
123. Maximum face-constrained coloring of plane graphs (with R. Ramamurthi). *Discrete Math.* 274 (2004), 233–240, and *Electr. Notes in Discrete Math.* Volume 11 (July 2002 online publication).
122. Edge-colorings of complete graphs that avoid polychromatic trees (with T. Jiang). *Discrete Math.* 274 (2004), 137–145, and *Electr. Notes in Discrete Math.* Volume 11 (July 2002 online publication).
121. Probabilistic methods for decomposition dimension of graphs (with M. Hagita and A. Kündgen). *Graphs and Combin.* 19 (2003), 493–503.
120. A list analogue of equitable coloring (with A.V. Kostochka and M.J. Pelsmajer) *J. Graph Theory* 44 (2003), 166–177.
119. On the Erdős–Simonovits–Sós Conjecture about the anti-Ramsey number of a cycle (with T. Jiang). *Combinatorics, Probability, and Computing* 12 (2003), 585–598.
118. Isometric cycles and bridged graphs (with T. Jiang and S.-J. Kim). *J. Graph Theory* 43 (2003), 161–170.
117. On the existence of Hamiltonian paths in the cover graph of $M(n)$ (with C.D. Savage and I. Shields). *Discrete Math.* 262 (2003), 241–252.
116. Restricted edge-colorings of bicliques (with D. Mubayi). *Discrete Math.* 257 (2002), 513–529.
115. Chromatic spectrum of mixed hypergraphs (with T. Jiang, D. Mubayi, Zs. Tuza, and V. Voloshin). *Graphs and Combin.* 18 (2002), 309–318.
114. A Fibonacci tiling of the plane (with C. Huegy). *Discrete Math.* 249 (2002), 111–116.

113. A proof of the two-path conjecture (with H.J. Fleischner, R.R. Molina, and K.W. Smith). *Electronic J. Combinatorics* 9 (2002), Note #N4.
112. Cevian dissections of a triangle (with V.J. Matsko and J.E. Wetzel). *Journal of Geometry* 72 (2001), 115–127.
111. Structural diagnosis of wiring networks: finding connected components of unknown subgraphs (with W. Shi—elaboration of #84). *SIAM J. Discr. Math.* 14 (2001), 510–523.
110. Realizing degree imbalances in directed graphs (with D. Mubayi and T.G. Will). *Discrete Math.* 239 (2001), 147–153.
109. Ramsey theory and bandwidth of graphs (with Z. Füredi). *Graphs and Combin.* 17 (2001), 463–471.
108. On the number of vertices with specified eccentricity (with D. Mubayi). *Graphs and Combin.* 16 (2000), 441–452.
107. Edge-bandwidth of theta graphs (with D. Eichhorn, D. Mubayi, and K. O’Byrant). *J. Graph Theory* 35 (2000), 89–98.
106. Multiple vertex coverings by specified induced subgraphs (with Z. Füredi and D. Mubayi). *J. Graph Theory* 34 (2000), 180–190.
105. Connected domination and spanning trees with many leaves (with Y. Caro and R. Yuster). *SIAM J. Discr. Math.* 13 (2000), 202–211.
104. Perfection thickness of graphs (with H. Asari, T. Jiang, and A. Kündgen). *Discrete Math.* 215 (2000), 263–264.
103. A note on generalized chromatic number and generalized girth (with B. Bollobás). *Discrete Math.* 213 (2000), 29–34.
102. Partially Ordered Sets (with G. Brightwell). Chapter 11 in *Handbook of Discrete and Combinatorial Mathematics* (K.H. Rosen, editor-in-chief), (CRC Press, 2000), 717–752.
101. Every outerplanar graph is the union of two interval graphs (with A.V. Kostochka). *Proc. 30th S.E. Intl. Conf. Graph Th. Comb. Comp. Congr. Numer.* **139** (1999), 5–8.
100. Edge-bandwidth of graphs (with T. Jiang, D. Mubayi, and A. Shastri). *SIAM J. Discr. Math.* 12 (1999), 307–316.
99. Coloring trees with minimum sum of colors (with T. Jiang). *J. Graph Theory* 32 (1999), 354–358.
98. Intersection representation of digraphs in trees with few leaves (with I.-J. Lin and M.K. Sen). *J. Graph Theory* 32 (1999), 340–353.
97. A short proof that “proper = unit” (with K.P. Bogart). *Discrete Math.* 201 (1999), 21–23.
96. Diagnosis of wiring networks: An optimal randomized algorithm for finding connected components of unknown graphs (with W. Shi—elaboration of #76). *SIAM J. Computing* 28 (1999), 1541–1551.
95. Rectangle number for hypercubes and complete multipartite graphs (with Y.-W. Chang). *29th SE Conf. Comb., Graph Th. and Comp., Congr. Numer.* 132 (1998), 19–28.
94. The leafage of a chordal graph (with I.-J. Lin and T.A. McKee). *Discuss. Math. Graph. Th.* 18 (1998), 23–48.
93. Largest regular graphs with equal connectivity and independence number (with P.K. Kwok). In *Combinatorics, Graph Theory, and Applic.. Proc. 8th Intl. Graph Theory Conf. (Kalamazoo 1996)* (Wiley, 1998), 587–589.
92. Line digraphs and coreflexive vertex sets (with X. Liu). *Discrete Math.* 188 (1998) 269–277.
91. Star-factors of tournaments (with G. Chen and X. Lu). *J. Graph Theory* 28 (1998), 141–145.
90. Bandwidth and density for block graphs (with L.T.Q. Hung, M.M. Sysło, and M.L. Weaver). *Discrete Math.* 189 (1998), 163–176.
89. Interval number and boxicity of digraphs (with Y.-W. Chang). In *Combinatorics, Graph Theory, and Applications. Proc. 8th Intl. Graph Theory Conf. (Kalamazoo 1996)*, (Wiley, 1998), 171–179.
88. The bricklayer problem and the strong cycle lemma (with H.S. Snevily). *Amer. Math. Monthly* 105 (1998), 131–143.
87. Short proofs for interval digraphs. *Discrete Math.* 178 (1998), 287–292.

86. Classes of interval digraphs and 0,1-matrices (with I.-J. Lin and M.K. Sen). *28th SE Conf. Comb., Graph Th. and Comp., Congr. Numer.* 125 (1997), 201–209.
85. The number of dependent arcs in an acyclic orientation (with D.C. Fisher, K. Fraughnaugh, and L. Langley). *J. Comb. Theory (B)* 71 (1997), 73–78.
84. Optimal structural diagnosis of wiring networks (with W. Shi). *Proc. 27th Intl. Symp. Fault-Tolerant Computing (FTCS-27) - Seattle 1997* (IEEE Press, 1997), 162–191.
83. Total interval number for graphs with bounded degree (with A. Kostochka). *J. Graph Theory* 25 (1997), 79–94.
82. The superregular graphs. *J. Graph Theory* 23 (1996), 289–295.
81. The total interval number of a graph II: Trees and complexity (with T.M. Kratzke). *SIAM J. Discr. Math.* 9 (1996), 339–348.
80. Large $2P_3$ -free graphs with bounded degree (with M.-S. Chung). *Discrete Math.* 150 (1996), 69–79.
79. The path spectrum of a graph (with M.S. Jacobson, A.E. Kézdy, E. Kubicka, G. Kubicki, J. Lehel, and C. Wang). *Proc. 26th SE Intl. Conf. Graph Th. Comb. Comput., Congr. Numer.* 112 (1995), 49–64.
78. Multitrack interval graphs (with A. Gyárfás). *Proc. 26th SE Intl. Conf. Graph Th. Comb. Comput., Congr. Numer.* 109 (1995), 109–116.
77. Representing digraphs using intervals or circular arcs (with M.K. Sen and B.K. Sanyal). *Discrete Math.* 147 (1995), 235–245.
76. Optimal algorithms for finding connected components of an unknown graph (with W. Shi). In *Computing and Combinatorics: Proc. COCOON '95 (Xi'an, China)*. (eds. D.-Z. Du and M. Li) *Lecture Notes in Computer Science* 959 (1995), 131–140.
75. Interval number of special posets and random posets (with T. Madej). *Discrete Math.* 144 (1995), 67–74.
74. Parsimonious 2-multigraphs (with T.G. Will). *Graph theory, Combinatorics, and Algorithms (Proc. 7th Intl. Conf. Graph Th. - Kalamazoo 1992)* (Y. Alavi and A. Schwenk, eds.) (Wiley 1995), 1249–1258.
73. Interval digraphs that are indifference digraphs (with I.-J. Lin). *Graph theory, Combinatorics, and Algorithms (Proc. 7th Intl. Conf. Graph Th. - Kalamazoo 1992)* (Y. Alavi and A. Schwenk, eds.) (Wiley 1995), 751–765.
72. Maximum bandwidth under edge addition (with J.-F. Wang and B. Yao). *J. Graph Theory* 20 (1995), 87–90.
71. The 2-intersection number of paths and bounded-degree trees (with M.S. Jacobson and A.E. Kézdy). *J. Graph Theory* 19 (1995), 461–469.
70. Gray code enumeration of families of integer partitions (with D. Rasmussen and C.D. Savage). *J. Comb. Theory (A)* 70 (1995), 201–229.
69. Acyclic orientations of complete bipartite graphs. *Discrete Math.* 138 (1995), 393–396.
68. A graph-theoretic game and its application to the k -server problem (with N. Alon, R.M. Karp, and D. Peleg). *Proc. Workshop on On-line Algs., DIMACS Series Disc. Math. Theor. Comp. Sci.* 7 (1992), 1–9 (extended abstract), and *SIAM J. Comp.* 24 (1995), 78–100 (complete paper).
67. The p -intersection number of a complete bipartite graph and orthogonal double coverings of a clique (with M.-S. Chung). *Combinatorica* 14 (1994), 453–461.
66. Size, chromatic number, and connectivity, (with J. Bhasker and T. Samad). *Graphs and Combin.* 10 (1994), 209–213.
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