

## 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 of text and two volumes of problems and solutions, in preparation).
- P1. In *SIAM Discrete Math Activity Group Newsletter*, 27 columns of Open Problems from 1991–2000.
- P2. In *Discrete Mathematics*, edited columns of Research Problems since 1999.
- R. In *Mathematical Reviews*, more than 100 reviews since 1991.

## Preprints submitted for publication

- 194. Modular factors of regular graphs (with G. Aalipour and S. Jahanbekam)
- 193. Multicolor on-line degree Ramsey numbers of trees (with W.B. Kinnersley)
- 192. Locating a robber on a graph via distance queries (with L.H. Erickson, J. Carraher, I. Choi, and M. Delcourt)
- 191. Revolutionaries and Spies: Spy-good and spy-bad graphs (with J.V. Butterfield, D.W. Cranston, G. Puleo, and R. Zamani)
- 190. Revolutionaries and spies in trees and unicyclic graphs (with D.W. Cranston and C.D. Smyth)
- 189. The Chinese Postman Problem in regular graphs of odd degree (with S. O)
- 188. Extremal graphs with a given number of perfect matchings (with S.G. Hartke, D. Stolee, and M. Yancey).
- 187. Permutation bigraphs: An analogue of permutation graphs (with P.K. Saha, M. Basu, and M.K. Sen).
- 186. Chain-making games in grid-like posets (with D.W. Cranston, W.B. Kinnersley, K.G. Milans, and G.J. Puleo).
- 185. Decomposition of sparse graphs into forests and a graph with bounded degree (with S.-J. Kim, A.V. Kostochka, H. Wu, and X. Zhu).
- 184. Induced Turán problems: Largest  $P_m$ -free graphs with bounded degree (with M.S. Chung and T. Jiang).
- 183. Bounds on the  $k$ -dimension of products of special posets (with M. Baym).

## Refereed Publications

- 182. Cycle spectra of Hamiltonian graphs (with K.G. Milans, F. Pfender, D. Rautenbach, and F. Regen). *J. Comb. Theory (B)* (accepted, 16 pages).
- 181. Degree Ramsey numbers of graphs (with W.B. Kinnersley and K.G. Milans). *Combinatorics, Probability, and Computing* (accepted, 27 pages).
- 185. Vertex degrees in outerplanar graphs (with K.F. Jao). *J. Comb. Math. Comb. Comp.* (accepted, 10 pages).
- 179. The  $A_4$ -structure of a graph (with M. Barrus). *J. Graph Theory* (in press, 18 pages, posted online 15 September 2011), DOI: 10.1002/jgt.20639
- 178. Spanning cycles through specified edges in bipartite graphs (with R. Zamani). *J. Graph Theory* (in press, 16 pages, posted online 15 September 2011), DOI: 10.1002/jgt.20627
- 177. Packing of Steiner trees and  $S$ -connectors in graphs (with H. Wu). *J. Comb. Theory (B)* (in press, 28 pages).
- 176. Uniquely  $C_4$ -saturated graphs (with J. Cooper, J. Lenz, T.D. LeSaulnier, and P.S. Wenger). *Graphs and Combin.* (in press, 9 pages, published on-line March 2011).
- 175. Packing of graphic  $n$ -tuples (with A.H. Busch, M.J. Ferrara, S.G. Hartke, M.S. Jacobson, and H. Kaul). *J. Graph Theory* (in press, 11 pages, posted online 23 March 2011), DOI: 10.1002/jgt.20598).

174. Inequalities of Nordhaus-Gaddum type for connected domination (with H. Karami, A. Khodkar, and S.M. Sheikholeslami). *Graphs and Combin.* (in press, 9 pages).
173. Overlap number of graphs (with D.W. Cranston, N. Korula, T.D. LeSaulnier, K.G. Milans, C. Stocker, and J. Vandenbussche). *J. Graph Theory* (in press, 21 pages, posted online 18 February 2011), DOI: 10.1002/jgt.20596).
172. 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.* (in press, <http://dx.doi.org/10.1016/j.disc.2011.05.001>).
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 and R. Yuster). *Electronic J. Comb.* 18 (2011), Paper #P121, 6 pages.
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. Pelsmayer) *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. 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.
67. Size, chromatic number, and connectivity, (with J. Bhasker and T. Samad). *Graphs and Combin.* 10 (1994), 209–213.
66. Relaxed chromatic numbers of graphs (with M.L. Weaver). *Graphs and Combin.* 10 (1994), 75–93.
65. Covering a poset by interval orders. *J. Comb. Theory (A)* 66 (1994), 169–171.
64. Gray code results for acyclic orientations (with C.D. Savage and M.B. Squire). Proc. 24th SE Intl. Conf. Graph Th. Comb. Comput., *Congr. Numer.* 96 (1993), 185–204.
63. The total interval number of a graph I: Fundamental classes (with T.M. Kratzke). *Discrete Math.* 118 (1993), 145–156.
62. Subtree and substar intersection numbers (with Y.-W. Chang, M.S. Jacobson, and C.L. Monma). *Discrete Appl. Math.* 44 (1993), 205–220.
61. Generating linear extensions by adjacent transpositions. *J. Comb. Theory (B)* 58 (1993), 58–64.
60. Clique coverings of the edges of the random graph (with B. Bollobás, P. Erdős and J. Spencer). *Combinatorica* 13 (1993), 1–5.
59. Vertex degrees in planar graphs (with T.G. Will). In *Planar Graphs*, (W.T. Trotter, ed) *DIMACS Series Discrete Math. Theor. Comp. Sci.* 9 (1993), 139–149.
58. Large  $P_4$ -free graphs with bounded degree (with M.-S. Chung). *J. Graph Theory* 17 (1993), 109–116.
57. A characterization of influence graphs of a prescribed graph (with G. Chen, R.J. Gould, M.S. Jacobson, and R. Schelp). *Vishwa Intl. J. of Graph Theory* 1 (1992), 77–81.
56. 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).
55. Large regular graphs with no induced  $2K_2$  (with M. Paoli, G.W. Peck, and W.T. Trotter). *Graphs and Combin.* 8 (1992), 165–197.
54. Representing digraphs by arcs of a circle (with M. Sen and S. Das). In *Combinatorial mathematics and applications (Calcutta, 1988)*, special issue of *Sankhyā Ser. A* 54 (1992), 421–427.
53. The maximum number of winning 2-sets. *Discrete Appl. Math.* 34 (1991), 279–284.
52. The interval inclusion number of a partially ordered set (with T. Madej). *Discrete Math.* 88 (1991), 259–277.
51. Spanning trees with many leaves (with D.J. Kleitman). *SIAM J. Discr. Math.* 4 (1991), 99–106.
50. Wide posets with fixed height and cutset number (with A.E. Kézdy and M. Markert). *Order* 7 (1990), 115–132.
49. Adding up to powers (with E.A. Bender and F. Kochman). *Amer. Math. Monthly* 97 (1990), 139–143.
48. Tetrahedrizing point sets in three dimensions (with H. Edelsbrunner and F.P. Preparata). *Symbolic and Algebraic Computation* (Proc. Intl. Symp. Symb. Alg. Comp., Rome 1988). *Lect. Notes in Comp. Sci.* 358 (Springer-Verlag, 1988), 315–331. Also *J. Symbolic Computation* 10 (1990), 335–347.
47. An entropy inequality for the bi-multivariate hypergeometric distribution (with F. Kochman and A. Murray). *Proc. Amer. Math. Soc.* 107 (1989), 479–485.

46. Circular-arc digraphs: A characterization (with M.K. Sen and S. Das). *J. Graph Theory* 13 (1989), 581–592.
45. Interval digraphs: An analogue of interval graphs (with M.K. Sen, S. Das, and A.B. Roy). *J. Graph Theory* 13 (1989), 189–202.
44. Highly asymmetric graphs. *Amer. Math. Monthly* 96 (1989), 60–62.
43. A short proof of the degree bound for interval number. *Discrete Math.* 73 (1989), 309–310.
42. Interval representations of cliques and of subset intersection graphs (with E.R. Scheinerman). In *Combinatorial Mathematics* (Proc. 3rd Intl. Conf. Combinatorics, New York 1985, G.S. Bloom et al, eds.) *Ann. N.Y. Acad. Sci.* 555 (1989), 363–367.
41. A length-width inequality for partially ordered sets with two-element cutsets (with J. Ginsburg and B. Sands). *J. Comb. Theory (B)* 46 (1989), 232–239.
40. Pagenumber of complete bipartite graphs (with D.J. Muder and M.L. Weaver). *J. Graph Theory* 12 (1988), 469–489.
39. Eigensharp graphs: Decomposition into complete bipartite subgraphs (with T. Kratzke and B. Reznick). *Trans. Amer. Math. Soc.* 308 (1988), 637–651.
38. On the construction of communication networks satisfying bounded fan-in of service ports (with P. Banerjee). *IEEE Transactions on Computers* 37 (1988), 1148–1151.
37. The addition game: An abstraction of a communication problem (with D. Miklős, M.J. Newman, and A. Seress). *Discrete Math.* 68 (1988), 165–172.
36. Bandwidth of the integer simplex. *Amer. Math. Monthly* 94 (1987), 997–1000.
35. Regressions and monotone chains II: the poset of intervals of integers (with N. Alon and W.T. Trotter). *Order* 4 (1987), 155–164.
34. An improved edge bound on the interval number of a graph (with J. Spinrad and G. Vijayan). *J. Graph Theory* 11 (1987), 447–449.
33. Sorting by insertion of leading elements (with M. Aigner). *J. Comb. Theory (B)* 45 (1987), 306–309.
32. Two easy duality theorems on direct products of posets (with L.E. Trotter). *Discrete Appl. Math.* 16 (1987), 283–286.
31. Poset boxicity of graphs (with W.T. Trotter). *Discrete Math.* 64 (1987), 105–107.
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