

## 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 90 reviews since 1991.

## Preprints submitted for publication

- 164. Degree-associated reconstruction number of graphs (with M. D. Barrus).
- 163. Ore, Berge–Tutte, and Gallai–Edmonds.
- 162. Inequalities of Nordhaus–Gaddum type for connected domination (with H. Karami, A. Khodkar, and S.M. Sheikholeslami)
- 161. Balloons, cut-edges, matchings, and total domination in regular graphs of odd degree (with Suil O)
- 160. Linear discrepancy and products of chains (with J. O. Choi)
- 159. Forbidden subsets for fractional weak discrepancy at most  $k$  (with J. O. Choi)
- 158. Matching extendibility in hypercubes (with J. Vandenbussche)
- 157. Bounds on the  $k$ -dimension of products of special posets (with M. Baym)
- 156. Chromatic number for a generalization of Cartesian product graphs (with D. Král')
- 155. Induced Turán problems: Largest  $P_m$ -free graphs with bounded degree (with M.S. Chung and T. Jiang).

## Refereed Publications

- 154. Extremal problems for Roman domination (with E.W. Chambers, B. Kinnersley, and N. Prince) *SIAM J. Discr. Math.* (accepted)
- 153. The pagewidth of  $k$ -trees (with J.R. Vandenbussche and G. Yu). *SIAM J. Discr. Math.* (accepted)
- 152. Oriented diameter of graphs with diameter 3 (with P.K. Kwok and Q. Liu). *J. Comb. Theory (B)* (accepted).
- 151. Classes of 3-regular graphs that are (7,2)-edge-choosable (with D.W. Cranston). *SIAM J. Discr. Math.* (in press).
- 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), published online Mar 23, pages numbers not yet available.
- 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* <http://semr.math.nsc.ru> 5 (2008), 417–426 (available 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),

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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). *PAMS* 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. Miklós, 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.
30. Unichain coverings in products of posets with nested saturation property. *Discrete Math.* 63(1987), 297–303.
29. Lower bounds on common knowledge in distributed algorithms, with applications (with E. Gafni, M. C. Loui, P. Tiwari, and S. Zaks). In *Distributed Algorithms on Graphs* (Proc. 1st Intl. Works. Distr. Alg., Ottawa 1985). Carleton Univ. Press (1986), 49–67.
28. The Borsuk-Ulam theorem and bisection of necklaces (with N. Alon). *Proceedings Amer. Math. Soc.* 98(1986), 623–628.
27. Election in a complete network with a sense of direction (with M.C. Loui and T.A. Matsushita). *Information Processing Letters* 22(1986), 185–187. (Corrig.: 28(1988), 327).
26. “Polyunsaturated posets:” the Greene-Kleitman theorem is best possible. *J. Comb. Theory (A)* 41(1986), 105–116.
25. Partial matchings in degree-restricted bipartite graphs (with P. Banerjee). In *Proc. 16th S.E. Conf. Comb., Graph Th., and Computing* (Boca Raton, 1985). *Congressus Numerantium* 49(1985), 259–266.
24. Decomposition of product graphs into complete bipartite subgraphs (with B. Reznick and P. Tiwari). *Discrete Math.* 57(1985), 189–193.
23. Compatible matching in bipartite graphs (with C.P. Kruskal). In *Graph Theory with Applications to Algorithms and Computer Science* (Proc. 5th Intl. Conf. Graph Th., Kalamazoo 1984, Alavi et al, eds.). Wiley (1985), 489–500.
22. Networks and chain coverings in partial orders and their products. (with C.A. Tovey). *Order* 2(1985), 49–60.
21. A note on the interval number of a graph (with P. Erdős). *Discrete Math.* 55(1985), 129–133.
20. Parameters in partial orders and graphs: Packing, covering, and representation. In *Graphs and Order* (Proc. NATO ASI, Banff 1984, I. Rival, ed.). D. Reidel (1985), 267–350.
19. Bisection of circle colorings (with C.H. Goldberg). *SIAM J. Algeb. Disc. Meth.* 6(1985), 93–106.
18. Recognizing graphs with fixed interval number is NP-complete (with D.B. Shmoys). *Discrete Appl. Math.* 8(1984), 295–305.
17. The number of complete subgraphs in graphs with non-majorizable degree sequences. In *Progress in Graph Theory* (Proc. Silver Jubilee Conf., Waterloo 1982, J.A. Bondy and U.S.R. Murty, eds.). Academic Press Canada (1984), 509–521.
16. Regressions and monotone chains: a Ramsey-type extremal problem in partial orders (with W.T. Trotter, G.W.

- Peck, and P. Shor). *Combinatorica* 4(1984), 117–119.
15. The interval number of a complete multipartite graph (with L.B. Hopkins and W.T. Trotter). *Discrete Appl. Math.* 8(1984), 163–187.
  14. Some remarks on normalized matching (with L.H. Harper and D.E. Daykin). *J. Comb. Theory (A)* 35(1983), 301–308.
  13. The interval number of a planar graph – three intervals suffice (with E.R. Scheinerman). *J. Comb. Theory (B)* 35(1983), 224–239.
  12. Gossiping without duplicate transmissions. *SIAM J. Algeb. Disc. Meth.* 3(1982), 418–419.
  11. A class of solutions to the gossip problem, III. *Discrete Math.* 40(1982), 285–310.
  10. A class of solutions to the gossip problem, II. *Discrete Math.* 40(1982), 87–113.
  9. A class of solutions to the gossip problem, I. *Discrete Math.* 39(1982), 307–326.
  8. Extremal problems in partially ordered sets. In *Ordered Sets* (Proc. NATO ASI, Banff 1981, I. Rival, ed.). D. Reidel (1982), 473–521.
  7. Semiantichains and unichains in direct products of partial orders (with C.A. Tovey). *SIAM J. Algeb. Disc. Meth.* 2(1981), 295–305.
  6. A symmetric chain decomposition of  $L(4, n)$ . *European J. Combinatorics* 1(1980), 379–383.
  5. Extremal values of the interval number of a graph (with J.R. Griggs). *SIAM J. Algeb. Disc. Meth.* 1(1980), 1–7.
  4. Maximum antichains of rectangular arrays (as part of G.W. Peck). *J. Comb. Theory (A)* 27(1980), 397–400.
  3. Skew chain orders and sets of rectangles (with D.J. Kleitman). *Discrete Math.* 27(1979), 99–102.
  2. The number of meets between two subsets of a lattice (with D.E. Daykin and D.J. Kleitman). *J. Comb. Theory (A)* 26(1979), 135–156.
  1. Pairs of adjacent Hamiltonian circuits with small intersection. *Studies in Applied Math.* 59(1978), 245–248.