

Κεφάλαιο 17

ΒΙΒΛΙΟΓΡΑΦΙΑ

17.1 Ξένη βιβλιογραφία

17.2 Ελληνική βιβλιογραφία

17.3 Αναφορές

Κεφάλαιο 17

ΒΙΒΛΙΟΓΡΑΦΙΑ

Ξένη βιβλιογραφία

1. Aoe J.I. (editor): "Computer algorithms - key search strategies", IEEE Computer Science Press, 1991.
2. Bernstein P.A., Hadzilakos V., Goodman N.: "Concurrency control and recovery in database systems", Addison-Wesley, 1987.
3. Bourne C.P.: "Methods of information handling", Wiley, 1963.
4. Bradley J.: "File and database techniques", Holt, Rinehart and Winston, 1982.
5. Bouros M.: "Getting into VSAM - an introduction and technical reference", John Wiley, 1985.
6. Claybrook B.G.: "File management techniques", John Wiley, 1983.
7. Folk M.J., Zoelick B., Riccardi G.: "File structures - an object-oriented approach with C++", Addison-Wesley, 1998.
8. Fuller S.H.: "Analysis of drum and disk storage units", Springer Verlag, Lecture Notes in Computer Science, Vol.31, 1975.
9. Gonnet G.H.: "Handbook of algorithms and data structures", Addison-Wesley, 1984.
10. Gray J., Reuter A.: "Transaction processing - concepts and techniques", Morgan Kaufmann, 1993.
11. Grosshans D.: "File systems - design and implementation", Prentice Hall, 1986.
12. Guenther O.: "Efficient Structures for Geometric Data Management", Springer Verlag, Lecture Notes in Computer Science, Vol.337, 1988.
13. Cunningham M.: "File structures and design", Chartwell-Bratt, 1985.
14. Hanson O.: "Design of computer data files", Pitman, 2nd edition, 1988.
15. Harborn T.R.: "File systems - structures and algorithms", Prentice Hall, 1988.

16. Held G.: "Data compression - techniques and applications, hardware and software considerations", Wiley, 1988.
17. Hennessy J., Paterson D.: "Computer architecture - a quantitative approach", Morgan Kaufmann, 1996.
18. Hill E.Jr.: "A comparative study of very large databases", Springer Verlag, Lecture Notes in Computer Science, Vol.59, 1978.
19. Hunter G.M.: "Efficient computation and data structures for graphics", Ph.D. Dissertation, Department of Electrical Engineering and Computer Science, Princeton University, NJ, 1978.
20. Johnson L.F., Cooper R.H.: "File techniques for data base organization in COBOL", Prentice Hall, 1981.
21. Knuth D.E.: "The art of computer programming, Vol.3, Sorting and searching", Addison-Wesley, 2nd edition, 1973.
22. Lefkovits D.: "File structures for on-line systems", Spartan Books, 1969.
23. Livadas P.: "File structures - theory and practice", Prentice Hall, 1990.
24. Loomis M.E.S.: "Data management and file processing", Prentice Hall, 1983.
25. Lorin H.: "Sorting and sort systems", Addison-Wesley, 1975.
26. Manolopoulos Y., Theodoridis Y., Tsotras V.: "Advanced database indexing", Kluwer Academic Publishers, 1999.
27. Martin J.: "Computer database organization", Prentice Hall, 2nd edition, 1977.
28. Miller N.E.: "File structures using Pascal", Benjamin Cummings, 1987.
29. Ramakrishnan R.: "Database management systems", McGraw Hill, 1998.
30. Salzberg B.: "File structures", Prentice Hall, 1988.
31. Samet H.: "The design and analysis of spatial data structures", Addison-Wesley, 1990.
32. Shasha D.: "Database tuning - a principled approach", Prentice Hall, 1992.
33. Silberschatz A., Korth H.F., Sudarshan S.: "Database system concepts", 3rd edition, McGraw Hill, 1998.
34. Swan T.: "Mastering Turbo Pascal files", H.W. Sams, 1987.
35. Smith P.D., Barnes G.M.: "Files and databases - an introduction", Addison-Wesley, 1987.
36. Tansel A., Clifford J., Gadia S., Jajodia S., Segev A., Snodgrass R. (eds): "Temporal databases: theory, design and implementation", Benjamin/Cummings, 1993.
37. Teorey T.J., Fry J.P.: "Design of database structures", Prentice Hall, 1982.
38. Tharp A.L.: "File organization and processing", John Wiley, 1988.
39. Vitter J.S., Chen C.W.: "Design and analysis of coalesced hashing", Oxford University Press, 1987.
40. Wiederhold G.: "Database design", McGraw-Hill, 2nd edition, 1983.
41. Wiederhold G.: "File organizations for database design", McGraw-Hill, 1987.
42. Wong C.K.: "Algorithmic studies in mass storage systems", Springer Verlag, 1983.

Ελληνική βιβλιογραφία

1. Βατικιώτης Α.: ‘Μηχανογραφικά αρχεία’, Αθήνα, 1984.
2. Βλέτσας Γ.: ‘Διαχείριση δεδομένων’, Αθήνα, 1987.
3. Γιαννακουδάκης Ε.: ‘Σχεδιασμός και διαχείριση βάσεων δεδομένων’, Εκδόσεις Μπένου, Αθήνα, 1999.
4. Δέρβιος Δ.: ‘Μαθήματα βάσεων δεδομένων’, Εκδόσεις Τζιόλα, Θεσσαλονίκη, 1995.
5. Ζάρχος Σ.: ‘Δομές δεδομένων και αρχεία στην C’, Αθήνα, 1993.
6. Κοίλιας Χ.: ‘Τα Αρχεία της Basic και οι εφαρμογές της’, Αθήνα, 1985.
7. Κοίλιας Χ.: ‘Αρχεία και βάσεις δεδομένων’, Αθήνα, 1995.
8. Κόλλιας Γ.: ‘Βάσεις δεδομένων’, Τόμος I, Αθήνα, 1987.
9. Κόλλιας Γ.: ‘Βάσεις δεδομένων’, Τόμος II, Αθήνα, 1987.
10. Λάζος Κ.: ‘Οργάνωση αρχείων’, Θεσσαλονίκη, 1990.
11. Μανωλόπουλος Ι.: ‘Δομές δεδομένων - μία προσέγγιση με Pascal’, Art of Text, Θεσσαλονίκη, 1998.
12. Μαρινάκης Κ.Ι., Τασσόπουλος Α.Κ.: ‘Αρχεία και βάσεις δεδομένων’, Αθήνα, 1989.
13. Παπακωνσταντίνου Γ.Κ., Μπιλάλης Ν.Α., Τσανάκας Π.Δ.: ‘Λειτουργικά συστήματα’, Τόμος I, Αθήνα, 1986.
14. Παπακωνσταντίνου Γ.Κ., Τσανάκας Π.Δ., Φραγκάκις Γ.Π.: ‘Αρχιτεκτονική υπολογιστών’, Αθήνα, 1987.
15. Wirth N.: ‘Αλγόριθμοι και δομές δεδομένων’, Αθήνα, 1990.
16. Χρυσουλίδη Δ.: ‘Εισαγωγή στη θεωρία πληροφοριών’, Θεσσαλονίκη, 1991.

Αναφορές

1. Abel D.J.: "A B⁺-tree for structure for large quadtrees", Computer Vision, Graphics and Image Processing, Vol.27, No.1, pp.19-31, 1984. (14)
2. Anderson H.D., Berra P.B.: "Minimum cost selection of secondary indexes for formatted files", ACM Transactions on Database Systems, Vol.2, No.1, pp.68-90, 1977. (13)
3. Anderson D.P., Osawa Y., Govidan R.: "A file system for continuous media", ACM Transactions on Computer Systems, Vol.10, No.4, pp.311-337, 1992. (2)
4. Aghili H., Severance D.G.: "A practical guide to the design of differential files for recovery of on-line databases", ACM Transactions on Database Systems, Vol.7, No.4, pp.540-565, 1982. (12)
5. Ammon G.J., Galabria J.A., Thomas D.T.: "A high-speed large capacity jukebox optical disk system", IEEE Computer, Vol.18, No.7, pp.36-45, 1985. (2)
6. Arnow D., Tenenbaum A.M.: "An empirical comparison of B-trees, Compact B-trees and Multiway trees", Proceedings ACM SIGMOD 84 Conference, pp.33-46, 1984. (8)
7. Asthana P., Finkelstein B.: "Superdense optical storage", IEEE Spectrum, Vol.32, No.8, pp.25-31, 1995. (2)
8. Babad J.M.: "A record and file partitioning model", Communications of the ACM, Vol.20, No.1, pp.22-31, 1977. (13)
9. Baeza-Yates R.A.: "Modeling splits in file structures", Acta Informatica, Vol.26, pp. 349-362, 1989. (8)
10. Baeza-Yates R.A.: "Expected behavior of B⁺-trees under random insertions", Acta Informatica, Vol.26, pp.439-471, 1989. (8)
11. Baeza-Yates R.A., Larson P.A.: "Performance of B⁺-trees with partial expansions", IEEE Transactions on Knowledge and Data Engineering, Vol.1, No.2, pp.248-257, 1989. (8)
12. Batory D.S.: "On searching transposed files", ACM Transactions on Database Systems", Vol.7, No.4, pp.531-544, 1979. (13)
13. Batory D.S.: "B⁺-trees and indexed sequential files - a performance comparison", Proceedings ACM SIGMOD 81 Conference, pp. 30-39, 1981. (7,8)
14. Bayer R., McCreight E.M.: "Organization and maintenance of large ordered indices", Acta Informatica, Vol.1, No.3, pp.173-189, 1972. (8)
15. Bayer R., McCreight E.M.: "Symmetric binary B-trees - data structures and maintenance algorithms", Acta Informatica, Vol.1, No.4, pp.209-306, 1972. (8)
16. Bayer R., Schkolnick M.: "Concurrency of operations on B-trees", Acta Informatica, Vol.9, No.1, pp.1-21, 1977. (15)
17. Bayer R., Unterauer K.: "Prefix B-trees", ACM Transactions on Database Systems, Vol.2, No.1, pp.11-26, 1977. (8,15)
18. Beausoleil W.F., Brown D.T., Phelps B.E.: "Magnetic bubble memory organization", IBM Journal of Research and Development, 1972. (2)

19. Becker B., Gschwind S., Ohler T., Seeger B., Widmayer P.: "An asymptotically optimal multiversion B-tree", *The VLDB Journal*, Vol.5, No.4, pp.264-275, 1996. (14)
20. Beckley D.A., Evans M.W., Raman V.K.: "Multikey retrieval from k-d trees and Quadtrees", *Proceedings ACM SIGMOD 85 Conference*, pp.291-301, 1985. (11,14)
21. Beckman N., Kriegel H.P., Schneider R., Seeger B.: "The R*-tree - an efficient and robust access method for points and rectangles", *Proceedings ACM SIGMOD 90 Conference*, pp.322-331, 1990. (14)
22. Bell J.R., Kaman C.H.: "The linear quotient hash code", *Communications of the ACM*, Vol.13, No.11, pp.675-677, 1970. (9)
23. Bentley J.L.: "Multidimensional binary trees used for associative searching", *Communications of the ACM*, Vol.18, No.9, 509-517, 1975. (11)
24. Bentley J.L.: "How to sort", *Communications of the ACM*, Vol.22, No.4, pp.287-291, 1979. (5,6)
25. Bentley J.L., Friedman J.H.: "Data structures for range searching", *ACM Computing Surveys*, Vol.11, No.4, pp.397-409, 1979. (11)
26. Berchtold S., Keim D.A., Kriegel H.P.Q: "The X-tree: an index structure for high-dimensional data", *Proceedings 22nd Conference on Very Large Data Bases*, pp.28-39, 1996. (14)
27. Bertino E., Kim W.: "Indexing techniques for queries on nested objects", *IEEE Transactions on Knowledge and Data Engineering*, Vol.1, No.2, pp.196-214, 1989. (15)
28. Betz B.K.: "Unpublished memorandum", Minneapolis, Honeywell Regulator Co., 1956. (4)
29. Betz B.K., Carter W.C.: "New merge sorting techniques", *Proceedings 14th ACM National Conference*, 1959. (4)
30. Blanken H., Ijbema A., Meek P., Akker B.V.D.: "The generalized grid file - description and performance aspects", *Proceedings 6th IEEE Data Engineering Conference*, pp. 380-388, 1990. (11)
31. Biliris A.: "Operation-specific locking in balanced structures", *Information Sciences*, Vol.48, No.27-51, 1989. (15)
32. Bitton D., DeWitt D.J.: "Duplicate record elimination in large data files", *ACM Transactions on Database Systems*, Vol.8, No.2, pp.255-265, 1983. (1)
33. Bitton D., Gray J.: "Disk shadowing", *Proceedings 14th Conference on Very Large Data Bases*, pp.331-338, 1988. (2)
34. Bloom B.H.: "Space-time trade-offs in hash coding with allowable errors", *Communications of the ACM*, Vol.13, No.7, pp.422-426, 1970. (12)
35. Bourne C.P., Ford D.F.: "A study of methods for systematically abbreviating English words and names", *Journal of ACM*, Vol.8, No.4, 1961. (15)
36. Burge W.H.: "An analysis of the compromise merge sorting techniques", *Proceedings Information Processing Conference*, 1971. (4)

37. Burkhard W.A.: "Hashing and trie algorithms for partial match retrieval", ACM Transactions on Database Systems, Vol.1, No.2, pp.175-187, 1976. (9)
38. Burkhard W.A.: "Partial match hash coding - benefits of redundancy", ACM Transactions on Database Systems, Vol.4, No.2, pp.228-239, 1979. (9)
39. Burton W.F., Lewis G.N.: "A robust variation of interpolation search", Information Processing Letters, Vol.10, No.4, pp.198-201, 1980. (4)
40. Burton F.W., Huntbach M.W., Kollias J.: "Multiple generation text files using overlapping tree structures", The Computer Journal, Vol.28, No.4, pp.414-416, 1985. (14)
41. Burton W.F., Kollias G.J., Matsakis G.D.: "Extending the change area B-tree to cover multiple time records", Proceedings Eurinfo Conference, pp.769-774, 1988. (14)
42. Burton F.W., Kollias J.G., Kollias V.G., Matsakis D.G.: "Implementation of overlapping B-trees for time and space efficient representation of collection of similar files", The Computer Journal, Vol.33, No.3, pp.279-280, 1990. (14)
43. Cardenas A.F.: "Evaluation and selection of file organizations - a model and a system", Communications of the ACM, Vol.16, No.9, pp.540-548, 1973. (13)
44. Cardenas A.F.: "Analysis and performance of inverted database structures", Communications of the ACM, Vol.18, No.5, pp.253-263, 1975. (11)
45. Carey M., DeWitt D., Richardson J., Shekita E.: "Object and file management in the Exodus extensible database system", Proceedings 12th Conference on Very Large Data Bases, pp.91-100, 1986. (15)
46. Carey M., Haas L., Linvy M.: "Tapes hold data too - challenges of tuples on tertiary storage", Proceedings ACM SIGMOD 93 Conference, pp.413-417, 1993. (2)
47. Carg A.K., Gotlieb C.C.: "Order preserving key transformation", ACM Transactions on Database Systems, Vol.11, No.2, pp.213-234, 1986. (9)
48. Catania V., Puliafito A., Riccobene S., Vita L.: "Design and performance analysis of a disk array system", IEEE Transactions on Computers, Vol.44, No.10, pp.1236-1247, 1995. (2)
49. Cesarin F., Soda G.: "A dynamic hash method with signature", ACM Transactions on Database Systems, Vol.16, No.2, pp.309-337, 1991. (12)
50. Chang C.C.: "The study of an ordered minimal perfect hashing scheme", Communications of the ACM, Vol.27, No.4, pp.384-387, 1984. (9)
51. Chang J.M., Fu K.S.: "Extended k-d tree database organization - a dynamic multiattribute clustering method", IEEE Transactions on Software Engineering, Vol.7, No.3, pp.284-290, 1981. (11)
52. Chang J.W., Lee J.H., Lee Y.L.: "Multikey access method based on term discrimination and signature clustering", Proceedings ACM SIGIR 89 Conference, pp.176-185, 1989. (12)
53. Chauhundri S., Narasayya V.: "An efficient cost-driven index selection tool for Microsoft SQL server", Proceedings 23rd Conference on Very Large Data Bases, pp.146-155, 1997. (13)
54. Chen P.M., Lee E.K., Gibson G.A., Katz R.H., Patterson D.A.: "RAID - high-performance, reliable secondary storage", ACM Computing Surveys, Vol.26, No.2, pp.145-185, 1994. (2)

55. Chen W.C., Vitter J.S.: "Analysis of new variants of coalesced hashing", ACM Transactions on Database Systems, Vol.9, No.4, pp. 616-645, 1984. (8)
56. Chi C.S.: "Advances in computer mass storage technology", IEEE Computer, Vol.15, No.5, pp.60-74, 1982. (2)
57. Christodoulakis S.: "Implications of certain assumptions in database performance evaluation", ACM Transactions on Database Systems, Vol.9, No.2, pp.163-186, 1984. (13)
58. Christodoulakis S.: "Analysis of retrieval performance for records and objects using optical disk technology", ACM Transactions on Database Systems, Vol.12, No.2, pp.137-169, 1987. (2)
59. Christodoulakis S., Ford D.A.: "File organizations and access methods for CLV optical disks", Proceedings ACM SIGIR 89 Conference, pp.152-159, 1989. (14)
60. Christodoulakis S., Ford D.A.: "Retrieval performance vs. disc space utilization on WORM optical disks", Proceedings ACM SIGMOD 89 Conference, pp.306-314, 1989. (14)
61. Christodoulakis S., Manolopoulos Y., Larson P.A.: "Analysis of overflow handling for variable length records", Information Systems, Vol.14, No.2, pp.151-162, 1989. (8)
62. Christodoulakis S., Triantafyllou P., Zioga F.: "Principles of optimally placing data in tertiary storage libraries", Proceedings 23rd Conference on Very Large Data Bases, pp.236-245, 1997. (2)
63. Chou H.T., DeWitt D.: "An evaluation of buffer management strategies for relational database systems", Proceedings 11th Conference on Very Large Data Bases, pp.127-141, 1985. (3)
64. Cichelli R.J.: "Minimal perfect hash functions made simple", Communications of the ACM, Vol.23, No.1, pp.17-19, 1980. (8)
65. Claybrook B.G., Yang C.S.: "Efficient algorithms for answering queries with unsorted multilists", Information Systems, Vol.3, No.2, pp.93-97, 1978. (11)
66. Comer D.: "The difficulty of optimum index selection", ACM Transactions on Database Systems, Vol.3, No.4, pp.440-445, 1978. (12)
67. Comer D.: "The ubiquitous B-tree", ACM Computing Surveys, Vol. 11, No.2, pp.121-137, 1979. (8)
68. Davis I.J.: "Local correction of helix(k) lists", IEEE Transaction on Computers, Vol.38, No.5, pp.718-724, 1989. (13)
69. Denning D.E., Denning P.J.: "Data security", ACM Computing Surveys, Vol.1, No.3, pp.227-249, 1969. (15)
70. Deppisch U.: "S-tree - a dynamic balanced signature index for office retrieval", Proceedings ACM SIGIR 86 Conference, pp.77-87, 1986. (12)
71. Dervos D., Manolopoulos Y., Linardis P.: "Ranking the validity of block candidacies in signature files", Information Sciences, Vol.79, pp.89-108, 1994. (12)
72. Dervos D., Linardis P., Manolopoulos Y.: "Binary ranking for the signature file method", Information and Software Technology, Vol.36, No.3, pp.131-139, 1994. (12)

73. DeWitt D., Chou H.T., Katz R., Klug A.: "Design and implementation of the Wisconsin storage system", *Software - Practice and Experience*, Vol.15, No.10, pp.943-962, 1985. (2,3)
74. Diehr G., Faaland B.: "Optimal pagination of B-trees with variable length items", *Communications of the ACM*, Vol.27, No.3, pp. 241-247, 1984. (8)
75. Dobosiewicz W.: "Replacement selection in 3-level memories", *The Computer Journal*, Vol.27, No.4, pp.334-339, 1984. (6)
76. Dodd G.D.: "Elements of data management systems", *ACM Computing Surveys*, Vol.1, No.2, pp.117-133, 1969. (13)
77. Dodds D.I.: "Reducing directory size by using a hashing technique", *Communications of the ACM*, Vol.25, No.6, pp.368-370, 1982. (15)
78. Drapeau A.L., Katz R.H.: "Stripped tape arrays", *Proceedings 12th IEEE Symposium on Mass Storage Systems*, pp.257-265, 1993. (2)
79. Driscoll J.R., Lang S.D., Franklin L.A.: "Modeling B-trees insertion activity", *Information Processing Letters*, Vol.26, No.1, pp.5-18, 1987. (8)
80. Dumeay A.I.: "Indexing for rapid random access memory", *Computers and Automation*, Vol.5, No.12, pp.6-9, 1956. (8)
81. Dwer B.: "One more time - how to update a master file", *Communications of the ACM*, Vol.24, No.1, 1981. (1)
82. Easton M.: "A streamlined statistical for a medical computer center", *Proceedings 24th ACM National Conference*, pp.494-475, 1969. (13)
83. Easton M.: "Key sequence data sets on indelible storage", *IBM Journal on Research and Development*, Vol.30, No.3, pp.230-241, 1986. (14)
84. Effelsberger W., Haerder T.: "Principles of database buffer management", *ACM Transactions on Database Systems*, Vol.9, No.4, pp.560-595, 1984. (3)
85. Eisenbarth B., Ziviani N., Gonnet G.H., Mehlhorn K., Wood D.: "The theory of fringe analysis and its applications to 2-3 trees and B-trees", *Information and Control*, Vol.55, pp.125-174, 1982. (8,15)
86. Ellis C.: "Concurrency in linear hashing", *ACM Transactions on Database Systems*, Vol.12, No.2, pp.195-207, 1987. (15)
87. Elmasri R., Jaseemuddin M., Kouramajian V.: "Partition of Time index for optical disks", *Proceedings 8th IEEE Conference on Data Engineering*, pp.574-583, 1992. (14)
88. Elmasri R., Kim Y.J., Wuu G.T.J.: "Efficient implementation techniques for the Time Index", *Proceedings 7th IEEE Conference on Data Engineering*, pp.102-111, 1991. (14)
89. Elmasri G., Wuu G.T.J., Kim Y.J.: "The Time Index - an access structure for temporal data", *Proceedings 16th Conference on Very Large Data Bases*, pp.1-12, 1990. (14)
90. Enbody R.J., Du H.C.: "Dynamic hashing schemes", *ACM Computing Surveys*, Vol.20, No.2, pp.85-113, 1988. (10)
91. Ershov A.P.: "On programming arithmetic operations", *Communications of the ACM*, Vol.1, No.8, pp.3-6, 1958. (9)

92. Fagin R., Nievergelt J., Pippenger N., Strong H.R.: "Extendible hashing - a fast method for dynamic files", ACM Transaction on Database Systems, Vol.4, No.3, pp.315-344, 1979. (10)
93. Faloutsos C., Christodoulakis S.: "Signature files - an access method for documents and its analytical performance evaluation", ACM Transactions on Office Information Systems, Vol.2, No.4, pp. 267-288, 1984. (12)
94. Faloutsos C.: "Access methods for text", ACM Computing Surveys, Vol.17, No.3, pp.49-74, 1985. (12)
95. Faloutsos C.: "Signature files - design and performance comparison of some signature extraction methods", Proceedings ACM SIGMOD 85 Conference, pp.63-82, 1985. (12)
96. Faloutsos C., Jagadish H.: "On B-tree indices for skew distributions", Proceedings 18th Conference on Very Large Data Bases, pp.363-374, 1992. (8)
97. Faloutsos C., Kamel I.: "Beyond uniformity and independence - analysis of R-trees using the concept of fractal dimension", Proceedings ACM PODS 94 Conference, pp.4-13, 1994. (14)
98. Faloutsos C., Jagadish H.V., Manolopoulos Y.: "Analysis of n-dimensional quadtree decomposition of arbitrary rectangles", IEEE Transactions on Knowledge and Data Engineering, Vol.9, No.3, pp.373-383, 1997. (14)
99. Finkel R.A., Bentley J.L.: "Quadtrees - a data structure for retrieval on composite keys", Acta Informatica, Vol.4, No.1, pp.1-9, 1974. (14)
100. Flajolet P.: "On the performance evaluation of extendible hashing and trie hashing", Acta Informatica, Vol.20, pp.345-369, 1983. (10)
101. Flores I., Madpis G.: "Average binary search length for dense ordered lists", Communications of the ACM, Vol.14, No.9, pp.602-603, 1971. (4)
102. Floyd R.W.: "Algorithm 245", Communications of the ACM, Vol.7, No.12, pp.701, 1964. (6)
103. Ford D.A., Christodoulakis S.: "Optimal placement of high-probability randomly retrieved blocks on CLV optical disks", ACM Transactions on Information Systems, Vol.19, No.1, pp.1-30, 1991. (2,13)
104. Freese R.: "Optical disks become erasable", IEEE Spectrum, Vol.25, No.2, pp.41-45, 1988. (2)
105. Freeston M.: "The bang file - a new kind of grid file", Proceedings ACM SIGMOD 87 Conference, pp.260-269, 1987. (11)
106. French J.C.: "IDAM file organizations", UMI Research Press, 1985. (12)
107. Friedman M.B.: "RAID keeps going and going and ...", IEEE Spectrum, Vol.33, No.4, pp.73-79, 1996. (2)
108. Fujitani L.: "Laser optical disk - the coming revolution in on-line storage", Communications of the ACM, Vol.27, No.6, pp.546-554, 1984. (2)
109. Gaede V., Guenther O.: "Multidimensional Access Methods", ACM Computer Surveys, Vol.30, No.2, pp.170-231, 1998. (14)

110. Gairola B.K., Rajaraman V.: "A distributed index sequential access method", *Information Processing Letters*, Vol.5, pp.1-5, 1976. (7)
111. Gait J.: "The optical file cabinet - a random-access file system for write-once optical disks", *IEEE Computer*, Vol.21, No.6, pp.11-22, 1988. (2)
112. Garg A., Gotlieb C.: "Order preserving key transformations", *ACM Transactions on Database Systems*, Vol.11, No.2, pp.213-234, 1986. (8)
113. Gargantini I.: "An Effective Way to Represent Quadtrees", *Communications of the ACM*, Vol.25, No.12, pp.905-910, 1982. (14)
114. Gassner B.J.: "Sorting by replacement selecting", *Communications of the ACM*, Vol.10, No.2, pp.89-93, 1967. (6)
115. Ghosh S.P, Senko M.E.: "File organization - on the selection of random access index points for sequential files", *Journal of the ACM*, Vol.16, No.4, pp.569-579, 1969. (13)
116. Gilstad R.L.: "Polyphase merge sorting - an advanced technique", *Proceedings AFIPS Eastern Joint Computer Conference*, Vol.18, pp.143-148, 1960. (5)
117. Gilstad R.L.: "Read-backwards polyphase sorting", *Communications of the ACM*, Vol.6, No.5, pp.220-223, 1963. (5)
118. Goetz M.A.: "Internal and tape sorting using the replacement selection technique", *Communications of the ACM*, Vol.6, No.5, pp.201-206, 1963. (5)
119. Goetz M.A., Toth G.S.: "A comparison between the polyphase and oscillating sort techniques", *Communications of the ACM*, Vol. 6, No.5, pp.223-225, 1963. (5)
120. Gonnet G.H., Rogers L.D., George A.: "An algorithmic and complexity analysis of interpolation search", *Acta Informatica*, Vol. 13, No.1, pp.39-46, 1980. (4)
121. Gonnet G.H., Larson P.A.: "External hashing with limited internal storage", *Journal of the ACM*, Vol.35, No.1, pp.161-184, 1988. (12)
122. Grazzini E., Pippolini F.: "Performance evaluation of shared and separate inverted files", *BIT*, Vol.29, pp.561-565, 1989. (11)
123. Greene D.: "An implementation and performance analysis on spatial data access methods", *Proceedings 5th IEEE Data Engineering Conference*, pp.606-615, 1989. (14)
124. Gremillion L.L.: "Designing a Bloom filter for differential file access", *Communications of the ACM*, Vol.25, No.9, pp.600-604, 1982. (12)
125. Griffiths P.P, Wade B.W.: "An authorization mechanism for relational database systems", *ACM Computing Surveys*, Vol.1, No. 3, pp.242-255, 1976. (15)
126. Gueting R.H.: "An introduction to spatial database systems", *The VLDB Journal*, Vol.3, No.4, pp.357-399, 1994. (14)
127. Guibas L.J.: "The analysis of hashing techniques that exhibit a k-ary clustering", *Journal of the ACM*, Vol.25, No.4, pp.544-555, 1978. (9)
128. Guibas L.J., Sedgewick R.: "A dichromatic framework for balanced trees", *Proceedings 19th IEEE Symposium on Foundations of Computer Science*, pp.8-21, 1978. (8,15)
129. Gupta G.K., Srinivasan B.: "Approximate storage utilization of B-trees", *Information Processing Letters*, Vol.22, pp.243-246, 1986. (8)

130. Guttman A.: "R-trees - a dynamic index structure for spatial searching", Proceedings ACM SIGMOD 84 Conference, pp.47-57, 1984. (14)
131. Hahn B.A.: "A new technique for compression and storage of data", Communications of the ACM, Vol.17, No.8, pp.434-436, 1974. (15)
132. Hakola J., Heiskanen A.: "On the distribution of the wasted space at the end of file blocks", BIT, Vol.20, No.2, pp.145-156, 1980. (3)
133. Halatsis C., Philokyprou G.: "Pseudochaining in hash tables", Communications of the ACM, Vol.21, No.7, pp.554-557, 1978. (9)
134. Hamming R.W.: "Error detecting and correcting codes", Bell System Technical Journal, Vol.29, pp.147-160, 1950. (2,15)
135. Hansen W.J.: "A cost model for the internal organization of B⁺-tree nodes", ACM Transactions on Programming Languages and Systems, Vol.3, No.4, pp.508-532, 1981. (8)
136. Hatzopoulos M., Kollias J.G.: "Some rules for introducing indexing paths in a primary file", The Computer Journal, Vol.23, pp.207-211, 1980. (13)
137. Hatzopoulos M., Kollias J.G.: "The determination of the optimum database maintenance points", The Computer Journal, Vol.25, No.1, pp.126-129, 1982. (13)
138. Hatzopoulos M., Kollias J.G.: "On the optimal selection of multilist database structures", IEEE Transactions on Database Engineering, Vol.10, No.6, pp.681-687, 1984. (11)
139. Hatzopoulos M., Kollias J.G.: "On the selection of a reduced set of indexes", The Computer Journal, Vol.28, No.4, pp.406-408, 1985. (13)
140. Heising W.P.: "Note on random addressing techniques", IBM Systems Journal, Vol.2, No.2, pp.112-116, 1963. (8)
141. Held G.D., Stonebraker M.R.: "B-trees re-examined", Communications of the ACM, Vol.21, No.2, pp.139-143, 1978. (7)
142. Hellerstein J., Naughton J., Pfeffer A.: "Generalized search trees for database systems", Proceedings 21th Conference on Very Large Data Bases, pp.562-573, 1995. (15)
143. Henrich A., Six H.W., Widmayer P.: "The LSD-tree: spatial access to multidimensional point and non-point objects", Proceedings 15th Conference on Very Large Data Bases, pp.45-53, 1989. (14)
144. Hester J.H., Hirschberg D.S.: "Self-organizing linear search", ACM Computing Surveys, Vol.17, No.3, pp.295-311, 1985. (3)
145. Hillyer B.K., Silberchatz A.: "On the modeling and performance characteristics of a serpentine tape drive", Proceedings ACM SIGMETRICS 96 Conference, pp.170-179, 1996. (2)
146. Hinrichs K.: "Implementation of the grid file - design concepts and experience", BIT, pp.569-592, 1985. (11)
147. Hoare C.A.R.: "Quicksort", The Computer Journal, Vol.5, No.4, pp. 10-15, 1962. (5)

148. Hoffman L.J.: "Computers and privacy - a survey", ACM Computing Surveys, Vol.1, No.2, pp.85-103, 1969. (15)
149. Hsiao D.K., Harary F.D.: "A formal system for information retrieval from files", Communications of the ACM, Vol.13, No.2, pp.67-73, 1970. (13)
150. Hu T.C., Wachs M.L.: "Binary search on a tape", SIAM Journal on Computing, Vol.16, No.3, pp.573-590, 1987. (3)
151. Huang B.C., Langston M.A.: "Stable duplicate extraction with optimal time and space bounds", Acta Informatica, Vol.26, pp.473-484, 1989. (1)
152. Huang S.H.S.: "Height-balanced trees of order(β, γ, δ)", ACM Transactions on Database Systems, Vol.10, No.2, pp.261-284, 1985. (8)
153. Huffman D.A.: "A method for the construction of minimum redundancy codes", Proceedings IRE, Vol.40, pp.1098-1101, 1952. (15)
154. Hutflesz A., Six H.W., Widmayer P.: "Twin grid files - space optimizing access schemes", Proceedings ACM SIGMOD 88 Conference, pp.183-190, 1988. (11)
155. Inglis J.: "Updating a master file - yet one more time", Communications of the ACM, Vol.24, No.5, p.299, 1981. (1)
156. Janko W.: "Variable jump search - the algorithm and its efficiency", Angewandte Informatik, Vol.23, No.1, pp.6-11, 1981. (4)
157. Johnson T.: "An analytical performance model of robotic storage libraries", Performance Evaluation, Vol.27/28, No.4, pp.231-251, 1996. (2)
158. Jaeschke G.: "Reciprocal hashing - a method for generating minimal perfect hashing functions", Communications of the ACM, Vol.24, No.12, pp.829-833, 1981. (9)
159. Jensen C.S., Clifford J., Elmasri R., Gadia S., Hayes P., Jajodia S., Dyreson S., Grandi F., Kafer W., Kline N., Lorentzos N., Mitsopoulos Y., Montanari A., Nonen D., Peressi E., Pernici B., Roddick J., Sarda N., Scalas M., Segev A., Snodgrass R., Soo M., Tansel A., Tiberio P., Wiederhold G.: A Consensus Glossary of Temporal Database Concepts, ACM SIGMOD Record, Vol.23, No.1, pp.52-64, 1994. (14)
160. Johnson T., Shasha D.: "Utilization of B-trees with inserts, deletes and modifies", Proceedings ACM PODS 89 Conference, pp.235-246, 1989. (8,13)
161. Kamel I., Faloutsos C.: "On packing R-trees", Proceedings 2nd Conference on Information and Knowledge Management, pp.490-499, 1993. (14)
162. Kamel I., Faloutsos C.: "Hilbert R-tree: an improved R-tree using fractals", Proceedings 20th Conference on Very Large Data Bases, pp.500-509, 1996. (14)
163. Kawagoe K.: "Modified dynamic hashing", Proceedings ACM SIGMOD 85 Conference, pp.201-213, 1985. (10)
164. Keen D., Lacy J.: "VSAM data and design parameters", IBM Systems Journal, Vol.5, pp.186-212, 1974. (7)
165. Kjelleberg P., Zahle T.U.: "Cascade hashing", Proceedings 10th Conference on Very Large Data Bases, pp.481-492, 1984. (10)
166. Klinger A., Rhodes M.L.: "Organization and access of image data by areas", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol.1, No.1, pp.50-60, 1979. (14)

167. Knott G.D.: "Hashing functions", *The Computer Journal*, Vol.18, No.3, pp.265-278, 1975. (9)
168. Kollias J.G.: "The selection of secondary file organizations", *Management Datamatics*, Vol.5, No.6, pp.241-250, 1976. (11)
169. Kollias J.G.: "A heuristic approach for determining the optimal degree of file inversion", *Information Systems*, Vol.4, No.3, pp.307-318, 1979. (11)
170. Kollias J.G.: "File organizations and their reorganization", *Information Systems*, Vol.4, No.1, pp.49-54, 1979. (13)
171. Kollias V.G., Hatzopoulos M., Kollias J.G.: "Database maintenance efficiency using differential files", *Information Systems*, Vol.5, No.3, pp.319-321, 1980. (13)
172. Kolovson C. and Stonebraker M: "Indexing techniques for historical databases", *Proceedings 5th IEEE Data Engineering Conference*, pp.127-137, 1989. (14)
173. Kouramajian V., Kamel I., Elmasri E., Waheed S.: "The Time Index⁺ - an incremental access structure for temporal databases", *Proceedings 3rd Conference on Information and Knowledge Management*, pp.296-303, 1994. (14)
174. Kouvatsos D.D., Wong S.K.: "On optimal blocking of sequential files", *The Computer Journal*, Vol.27, No.4, pp.321-327, 1984. (3,4)
175. Kumar A., Tsotras V.J., Faloutsos C.: "Designing access methods for bi-temporal databases", *IEEE Transactions on Knowledge and Data Engineering*, Vol.10, No.1, pp.1-20, 1998. (14)
176. Kung H., Lehman P.: "Concurrent manipulation of binary search trees", *ACM Transactions on Database Systems*, Vol.5, No.3, pp.354-382, 1980. (15)
177. Kwong Y.S., Wood D.: "Method for concurrency in B⁺-trees", *IEEE Transactions on Software Engineering*, Vol.6, No.2, pp.211-223, 1982. (15)
178. Landau G.M., Schmidt J.P., Tsotras V.J.: "On historical queries along multiple lines of time evolution", *The VLDB Journal*, Vol.4, No.4, pp.703-726, 1995. (14)
179. Lang S.D., Driscoll J.R., Jou J.H.: "Batch insertions for tree structured file organizations - improving differential database representation", *Information Systems*, Vol.11, No.2, pp.167-175, 1986. (13)
180. Lang S.D., Driscoll J.R., Jou J.H.: "A unified analysis of batched searching of sequential and tree-structured files", *ACM Transactions on Database Systems*, Vol.14, No.4, pp.604-618, 1989. (8,13)
181. Lang S.D., Manolopoulos Y.: "Efficient expressions for partly and completely unsuccessful batched search of tree-structured files", *IEEE Transactions on Software Engineering*, Vol.16, No.12, pp.1433-1435, 1990. (8,13)
182. Lanka S., Mays E.: "Fully persistent B⁺-trees", *Proceedings ACM SIGMOD 91 Conference*, pp.436-445, 1991. (8,14)
183. Larmore L.L., Hirshberg D.S.: "Efficient optimal pagination of scrolls", *Communications of the ACM*, Vol.28, No.8, pp.854-856, 1985. (8)
184. Larson P.A.: "Dynamic hashing", *BIT*, Vol.18, pp.184-201, 1978. (10)
185. Larson P.A.: "Linear hashing with partial expansions", *Proceedings 6th Conference on Very Large Data Bases*, pp.224-232, 1980. (10)

186. Larson P.A.: "Analysis of index sequential files with overflow chaining", ACM Transactions on Database Systems, Vol.6, No.4, pp.671-680, 1981. (7)
187. Larson P.A.: "Performance analysis of linear hashing with partial expansions", ACM Transactions on Database Systems, Vol.7, No.4, pp.566-587, 1982. (10)
188. Larson P.A.: "Analysis of uniform hashing", Journal of the ACM, Vol.30, No.4, pp.805-819, 1983. (9)
189. Larson P.A.: "Analysis of hashing with chaining in the prime area", Journal of Algorithms, Vol.5, pp.36-47, 1984. (9)
190. Larson P.A., Kajla A.: "File organization - implementation of a method guaranteeing retrieval in one access", Communications of the ACM, Vol.27, No.7, pp.670-677, 1984. (12)
191. Larson P.A., Ramakrishna M.V.: "External perfect hashing", Proceedings ACM SIGMOD 85 Conference, pp.190-200, 1985. (12)
192. Larson P.A.: "Linear hashing with overflow handling by linear probing", ACM Transactions on Database Systems, Vol.10, No.1, pp.75-89, 1985. (10)
193. Larson P.A.: "Linear hashing with separators - a dynamic hashing scheme with one access retrieval", ACM Transactions on Database Systems, Vol.13, No.3, pp.366-388, 1988. (12)
194. Larson P.A.: "Dynamic hash tables", Communications of the ACM, Vol.31, No.4, pp.446-457, 1988. (10)
195. Lee D.T., Wong C.K.: "Quintary trees - a file structure of multidimensional database systems", ACM Transactions on Database Systems, Vol.5, No.3, pp.339-353, 1980. (11)
196. Lehman P.L., Yao S.B.: "Efficient locking for concurrent operations on B-trees", ACM Transactions on Database Systems, Vol.6, No.4, pp.650-670, 1981. (15)
197. Leipala: "On the design of one-level indexed sequential files", International Journal of Computer and Information Sciences, Vol.10, No. 3, pp.177-186, 1981. (7)
198. Leipala: "On optimal multilevel indexed sequential files", Information Processing Letters, Vol.15, No.5, pp.191-195, 1982. (7)
199. Lempel A.: "Cryptology in transition", ACM Computing Surveys, Vol.11, No.4, pp. 285-303, 1979. (15)
200. Lessuisse R.: "Some lessons drawn from the history of binary search algorithm", The Computer Journal, Vol.26, No.2, pp.154-163, 1983. (4)
201. Leung C.H.C.: "Approximate storage utilization of B-trees - a simple derivation and generalizations", Information Processing Letters, Vol. 19, pp.199-201, 1984. (4)
202. Leung C.H.C., Wolfenden K.: "Mathematical models of file growth", The Computer Journal, Vol.28, No.2, pp.179-184, 1985. (13)
203. Levy M.R.: "Modularity and the sequential file update problem", Communications of the ACM, Vol.25, No.6, pp.362-367, 1982. (1)
204. Linden T.A.: "Operating system structures to support security and reliable software", ACM Computing Surveys, Vol.8, No.4, pp.409-455, 1976. (15)

205. Litwin W.: "Virtual hashing - a dynamically changing hashing", Proceedings 4th Conference on Very Large Data Bases, pp.517-523, 1978. (10)
206. Litwin W.: "Linear hashing - a new tool for file and table addressing", Proceedings 6th Conference on Very Large Data Bases, pp.212-223, 1980. (10)
207. Litwin W.: "Trie hashing", Proceedings ACM SIGMOD 81 Conference, pp.19-29, 1981. (10)
208. Lomet D.: "Digital B-trees", Proceedings 7th Conference on Very Large Data Bases, pp.333-344, 1981. (10)
209. Litwin W., Lomet D.: "The bounded disorder access method", Proceedings 2nd IEEE Data Engineering Conference, pp.38-48, 1986. (10)
210. Litwin W., Lomet D.: "A new method for fast data searches with keys", IEEE Software, Vol.4, No.2, pp.16-24, 1987. (10)
211. Lomet D.: "Bounded index exponential hashing", ACM Transactions on Database Systems, Vol.8, No.1, pp.136-165, 1983. (10)
212. Lomet D.: "Partial expansions for file organizations with an index", ACM Transactions on Database Systems, Vol.12, No.1, pp.65-84, 1987. (10)
213. Lomet D.: "A simple bounded disorder file organization with good performance", ACM Transactions on Database Systems, Vol.13, No.4, pp.525-551, 1988. (10)
214. Lomet D., Salzberg B.: "Access methods for multi-version data", Proceedings ACM SIGMOD 89 Conference, pp.315-324, 1989. (14)
215. Lomet D., Salzberg B.: "The performance of a multi-version access method", Proceedings ACM SIGMOD 90 Conference, pp.353-363, 1990. (14)
216. Lomet D., Salzberg D.: "The hB-tree - a multiattribute indexing method with good guaranteed performance", ACM Transactions on Database Systems, Vol.15, No.4, 1990. (11,14)
217. Lubel P.: "The gathering storm of high-density compact disks", IEEE Spectrum, Vol.32, No.8, pp.32-37, 1995. (2)
218. Lum V.Y.: "Multiattribute retrieval with combined indexes", Communications of the ACM, Vol.13, No.11, pp., 1970. (11)
219. Lum V.Y., Yuen P.S.T., Dodd M.: "Key-to-address transformation techniques - a fundamental performance study on large existing formatted files", Communications of the ACM, Vol.14, No.4, pp.228-239, 1971. (9)
220. Lum V.Y., Yuen P.S.T.: "Additional results on key-to-address transform techniques - a fundamental performance study on large existing formatted files", Communications of the ACM, Vol.15, No. 11, pp.996-997, 1972. (9)
221. Lum V.Y.: "General performance analysis of key-to-address transformation models", Communications of the ACM, Vol.16, No.10, pp. 603-612, 1973. (9)
222. McCreight E.M.: "Pagination of B*trees with variable length records", Communications of the ACM, Vol.20, No., pp.670-674, 1977. (8)
223. Manber U., Ladner R.E.: "Concurrency control in a dynamic search structure", ACM Transactions on Database Systems, Vol.9, No.3, pp.439-455, 1984. (15)

224. Manolopoulos Y., Kapetanakis G.: "Overlapping B⁺-trees for temporal data", Proceedings 5th Jerusalem Conference on Information Technology, pp.491-499, 1990. (14)
225. Manolopoulos Y.: "Batched search of index sequential files", Information Processing Letters, Vol.22, pp.267-272, 1986. (8,13)
226. Manolopoulos Y., Kollias J.G., Hatzopoulos M.: "Binary vs. sequential batched search", The Computer Journal, Vol.29, No.4, pp.368-372, 1986. (4)
227. Manolopoulos Y., Kleftouris D., Petrou L.: "A model for an ISAM file with multiple overflow chains", The Computer Journal, Vol.30, No.6, pp.529-534, 1987. (7)
228. Manolopoulos Y., Kollias J.G., Burton F.W.: "Batched interpolation search", The Computer Journal, Vol.30, No.6, pp.565-568, 1987. (4)
229. Manolopoulos Y., Kollias J.G.: "Estimating disk head movements in batched searching", BIT, Vol.28, pp.27-36, 1988. (2)
230. Manolopoulos Y., Kollias J.G.: "Expressions for partly and completely unsuccessful batched search of sequential and tree-structured files", IEEE Transactions on Software Engineering, Vol.15, No.6, pp.794-799, 1989. (8,13)
231. Manolopoulos Y., Poulakas G.: "An adaptation of a root finding method to searching ordered disk files revisited", BIT, Vol.29, 364-368, 1989. (4)
232. Manolopoulos Y., Kollias J.G.: "Performance of a two-headed disk system when serving database queries under the scan policy", ACM Transactions on Database Systems, Vol.14, No.3, pp.425-442, 1989. (2)
233. Manolopoulos Y., Faloutsos C.: "Analysis for the end of block wasted space", BIT, Vol.30, pp.620-630, 1990. (3)
234. Manolopoulos Y., Vakali A.: "Seek distances in disk systems with two independent heads per surface", Information Processing Letters, Vol.37, No.1, pp.37-42, 1991. (2)
235. Manolopoulos Y.: "Probability distributions for seek time evaluation", Information Sciences, Vol.60, No.12, pp.29-40, 1992. (2)
236. Manolopoulos Y., Fistas N.: "Algorithms for hash based files with variable length records", Information Sciences, Vol.63, No.3, pp.229-243, 1992. (9)
237. Manolopoulos Y., Christodoulakis S.: "File organizations with shared overflow blocks for variable length objects", Information Systems, Vol.17, No.6, pp.491-509, 1992. (9)
238. Manolopoulos Y.: "B-trees with lazy parent split", Information Sciences, Vol.79, pp.73-88, 1994. (8,15)
239. Manolopoulos Y., Lorentzos N.: "Performance of linear hashing schemes for primary key retrieval", Information Systems, Vol.19, No.5, pp.433-446, 1994. (10)
240. Manolopoulos Y.: "Seek time evaluation", Lemma in Encyclopedia of Microcomputers, Marcel Dekker Inc., 1995. (2)
241. Manolopoulos Y.: "Tree structures", Lemma in Encyclopedia of Computer Science and Technology, Marcel Dekker Inc., 1996. (8)
242. Manolopoulos Y., Nardelli E., Proietti G., Vassilakopoulos M.: "On creating random quadtrees by using a branching process", Image and Vision Computing, Vol.14, No.2, pp.159-164, 1996. (14)

243. Manolopoulos Y., Nardelli E., Papadopoulos A., Proietti G.: "MOF-tree: a spatial data structure to manipulate multiple overlapping features", *Information Systems*, Vol.22, No.8, pp.465-481, 1997. (14)
244. March S.T.: "Techniques for structuring database records", *ACM Computing Surveys*, Vol.15, No.1, pp.45-79, 1983. (13)
245. March S.T., Scudder G.D.: "On the selection of efficient record and backup strategies for large shared databases", *ACM Transactions on Database Systems*, Vol.9, No.3, pp.409-438, 1984. (13)
246. March S.T., Severance D.: "The determination of efficient record segmentations and blocking factors for shared files", *ACM Transactions on Database Systems*, Vol.2, No.3, pp.279-296, 1977. (13)
247. Martin W.A.: "Sorting", *ACM Computing Surveys*, Vol.3, No.12, pp. 147-174, 1971. (5,6)
248. Maruyama K., Smith S.E.: "Optimal reorganization of distributed space disk files", *Communications of the ACM*, Vol.19, No.11, pp.634-642, 1976. (13)
249. Maurer W.D., Lewis T.G.: "Hash table methods", *ACM Computing Surveys*, Vol.7, No.1, pp.5-20, 1975. (9)
250. Mendelson H.: "Analysis of extendible hashing", *IEEE Transactions on Software Engineering*, Vol.8, No.6, pp.611-619, 1982. (10)
251. Michaels P.C., Richards W.J.: "Magnetic bubble mass memory", *IEEE Transactions on Magnetics*, Vol.11, No.1, pp.21-25, 1975. (2)
252. Mitchell R.W.: "Content addressable filestore", *Proceedings Online Database Technology Conference*, England, 1976. (2)
253. Mohan C., Narang I.: "Algorithms for creating indexes for very large tables without quiescing updates", *Proceedings ACM SIGMOD 97 Conference*, pp.361-370, 1992. (8,13)
254. Mooers C.: "Applications of random codes to the gathering of statistical information", *Bulletin 31*, Zator Co., Cambridge, Ma, 1949. (12)
255. Morris R.: "Scatter storage techniques", *Communications of the ACM*, Vol.11, No.1, pp.38-44, 1968. (8)
256. Mullin J.K.: "Retrieval-update speed trade-offs using combined indexes", *Communications of the ACM*, Vol.14, No.12, pp.775-776, 1971. (11)
257. Mullin J.K.: "An improved index sequential access method using hashed overflow", *Communications of the ACM*, Vol.15, No.5, pp. 301-307, 1972. (7)
258. Mullin J.K.: "Unified dynamic hashing", *Proceedings 10th Conference on Very Large Data Bases*, pp.473-480, 1980. (10)
259. Mullin J.K.: "Change area B-trees - a technique to aid error recovery", *The Computer Journal*, Vol.24, No.4, pp.367-373, 1981. (12,13)
260. Mullin J.K.: "Tightly controlled linear hashing without separate overflow storage", *BIT*, Vol.21, pp.390-400, 1981. (10)
261. Mullin J.K.: "A second look at Bloom filters", *Communications of the ACM*, Vol.26, No.8, pp.570-571, 1983. (12)

262. Murayama K., Smith S.E.: "Analysis of design alternatives for virtual memory indexes", Communications of the ACM, Vol.20, No.4, pp.245-254, 1977. (7,8)
263. Nascimento M.A., Silva J.R.O.: "Towards historical R-trees", Proceedings ACM Symposium on Applied Computing, pp.235-240, 1998. (14)
264. Nievergelt J.: "Binary search trees and file organization", ACM Computing Surveys, Vol.6, No.3, pp.195-207, 1974. (8)
265. Nievergelt J., Hinterberger H., Sevcik K.C.: "The grid file - an adaptable symmetric, multikey file structure", ACM Transactions on Database Systems, Vol.9, No.1, pp.38-71, 1984. (11)
266. Nishihara S., Ikeda K.: "Reducing the retrieval time of hashing method using predictors", Communications of the ACM, Vol.26, No. 12, pp.1082-1088, 1983. (9)
267. Orenstein J.A.: "Multidimensional tries used for associative searching", Information Processing Letters, Vol.14, No.4, pp.150-157, 1982. (11)
268. Ouksel M., Scheuermann P.: "Multidimensional B-trees - analysis of dynamic behavior", BIT, Vol.21, No.4, pp.401-418, 1981. (11)
269. Palvia P.: "Expressions for batched searching of sequential and hierarchical files", ACM Transactions on Database Systems, Vol.10, No.1, pp.97-106, 1985. (8,13)
270. Papadimitriou C.H., Bernstein P.A.: "On the performance of balanced hashing functions when keys are not equiprobable", ACM Transactions on Programming Languages and Systems, Vol.2, No.1, pp.77-89, 1980. (9)
271. Papadopoulos A.N., Manolopoulos Y.: "Performance of nearest neighbor queries in R-trees", Proceedings 6th International Conference on Database Theory, pp.394-408, 1997. (14)
272. Patterson D.A., Gibson G.A., Katz R.H.: "A case for redundant arrays of inexpensive disks (RAID)", Proceedings ACM SIGMOD 88 Conference, pp.109-125, 1988. (2)
273. Pechura M.A., Schoeffler J.D.: "Estimating file access time floppy disks", Communications of the ACM, Vol.26, No.10, pp.754-763, 1983. (2)
274. Perl Y., Itai A., Avni H.: "Interpolation search - a $\log\log N$ search", Communications of the ACM, Vol.21, No.7, pp.550-553, 1978. (4)
275. Peterson W.W.: "Addressing for random-access storage", IBM Journal on Research and Development, Vol.1, No.4, pp.130-146, 1957. (9)
276. Pfaltz J.L., Berman W.J., Cagley E.M.: "Partial match retrieval using indexed descriptor files", Communications of the ACM, Vol.23, No.9, pp.522-528, 1980. (12)
277. Pike J.: "Text compression using a 4-bit coding scheme", The Computer Journal, Vol.24, No.4, 1981. (15)
278. Piwowarski M.: "Comments on batched searching of sequential and tree structured files", ACM Transactions on Database Systems, Vol.10, No.2, pp.285-287, 1985. (8,13)
279. Price C.E.: "Table lookup techniques", ACM Computing Surveys, Vol.3, No.2, pp.49-65, 1971. (8)
280. Quitzow K.H., Klopprogge M.R.: "Space utilization and access path length in B-trees", Information Systems, Vol.5, pp.7-16, 1980. (8)

281. Rathman P.: "Dynamic data structure on optical disks", Proceedings 1st IEEE Data Engineering Conference, pp.175-180, 1984. (14)
282. Ramakrishna M.V.: "An exact probability model for finite hash tables", Proceedings 4th IEEE Data Engineering Conference, pp.362-368, 1988. (9)
283. Ramakrishna M.V., Larson P.A.: "File organizations using composite perfect hashing", ACM Transactions on Database Systems, Vol.14, No.2, pp.231-263, 1989. (10,12)
284. Ramamohanarao K., Loyd J.W.: "Dynamic hashing schemes", The Computer Journal, Vol.25, No.4, 1982. (10)
285. Ramamohanarao K., Loyd J.W., Thom J.A.: "Partial match retrieval using hashing and descriptors", ACM Transactions on Database Systems, Vol.8, No.4, pp.552-675, 1983. (12)
286. Ramamohanarao K., Sacks-Davis R.: "Recursive linear hashing", ACM Transactions on Database Systems, Vol.9, No.3, pp.369-391, 1984. (10)
287. Ramamohanarao K., James A.T.: "Partial match retrieval using recursive linear hashing", BIT, Vol.25, No.3, pp.477-484, 1985. (10)
288. Ramamohanarao K., Shepherd J., Sacks-Davis R.: "Partial match retrieval for dynamic files using linear hashing with partial expansions", Proceedings Conference on Foundations of Data Organizations and Algorithms, pp.202-206, 1989. (10)
289. Regnier M.: "Analysis of the grid file algorithms", BIT, pp.335-357, 1985. (11)
290. Reuter A.: "Performance analysis of recovery techniques", ACM Transactions on Database Systems, Vol.9, No.4, pp.526-559, 1984. (15)
291. Roberts C.S.: "Partial match retrieval via the method of superimposed coding", Proceedings of the IEEE, Vol.67, No.12, pp.1624-1642, 1979. (112)
292. Robinson J.T.: "The k-d B-tree - a search structure for large multidimensional dynamic indexes", Proceedings ACM SIGMOD 81 Conference, pp.10-18, 1981. (11)
293. Rosenberg A.L., Snyder L.: "Time and space optimality in B-trees", ACM Transactions in Database Systems, Vol.6, No.1, pp.174-183, 1981. (8)
294. Roussopoulos N. and Leifker D.: "Direct spatial search on pictorial databases using packed R-trees", Proceedings ACM SIGMOD 85 Conference, pp.17-31, 1985. (14)
295. Roussopoulos N., Kelley S., Vincent F.: "Nearest neighbor queries", Proceedings ACM SIGMOD 95 Conference, pp.71-79, 1995. (14)
296. Ruchte W.D., Tharp A.L.: "Linear hashing with priority Splitting", Proceedings 3rd IEEE Data Engineering Conference, pp.2-9, 1987. (10)
297. Ruemmler C., Wilkes J.: "An introduction to disk drive modeling", IEEE Computer, Vol.27, No.4, pp.17-28, 1994. (2)
298. Sacks-Davis R., Kent A., Ramamohanarao K.: "Multikey access methods based on superimposed coding techniques", ACM Transactions on Database Systems, Vol.12, No.4, pp.655-696, 1987. (12)
299. Sagiv Y.: "Concurrent operations on B*trees with overtaking", Journal of Computer and Systems Sciences, Vol.33, pp.275-296, 1986. (15)

300. Saltzer J.H., Schroeder M.D.: "The protection of information in computer systems", Proceedings of the IEEE, Vol.63, No.9, pp.1278-1308, 1975. (15)
301. Salzberg B., Tsotras V.: "A comparison of access methods for time evolving data", ACM Computing Surveys, 1999. (14)
302. Samadi B.: "B-trees in a system with multiple views", Information Processing Letters, Vol.5, No.4, pp.107-112, 1976. (15)
303. Samet H.: "The quadtree and related hierarchical data structures", ACM Computing Surveys, Vol.16, No.2, pp.187-260, 1984. (14)
304. Sager T.J.: "A polynomial time generator for minimal perfect hash functions", Communications of the ACM, Vol.28, No.5, pp.523-532, 1985. (9)
305. Schkolnick M.: "The optimal selection of secondary indices for files", Information Systems, Vol.1, pp.141-146, 1975. (13)
306. Scholl M.: "New file organizations based on dynamic hashing", ACM Transactions on Database Systems, Vol.6, No.1, pp.194-211, 1981. (10)
307. Sellis T., Roussopoulos N., Faloutsos C.: "The R⁺-tree - a dynamic index for multidimensional objects", Proceedings 13th Conference on Very Large Data Bases, pp.507-518, 1987. (14)
308. Severance D.: "Identifier search mechanisms - a survey and generalized model", ACM Computing Surveys, Vol.6, No.3, pp.174-194, 1974. (13)
309. Severance D., Duhne R.: "A practitioner's guide to addressing algorithms", Communications of the ACM, Vol.19, No.6, pp.314-326, 1976. (9)
310. Severance D., Lohman G.M.: "Differential files - their applications to the maintenance of large databases", ACM Transactions on Database Systems, Vol.1, No.3, pp.256-267, 1976. (12,13)
311. Severance D., Carlis J.V.: "A practical approach to selecting record access paths", ACM Computing Surveys, Vol.9, No.4, pp.259-272, 1977. (13)
312. Shadri S., Rotem D., Segev A.: "Optimal arrangements of cartridges in carousel type mass storage systems", The Computer Journal, Vol.36, No.10, pp.873-887, 1994. (2)
313. Shasha D., Goodman N.: "Concurrent search structure algorithms", ACM Transactions on Database Systems, Vol.13, No.1, pp.53-90, 1988. (15)
314. Sharma K.D., Rani R.: "Choosing optimal branching factors for k-d B-trees", Information Systems, Vol.10, No.1, pp.127-134, 1985. (11)
315. Shell D.S.: "Optimizing the polyphase sort", Communications of the ACM, Vol.14, No.11, pp.713-719, 1971. (5)
316. Shlomo M.: "On the complexity of designing optimal partial match retrieval systems", ACM Transactions on Database Systems, Vol.8, No.4, pp.543-551, 1983. (13)
317. Shneiderman B.: "Polynomial search", Software - Practice and Experience, Vol.3, No.1, pp.5-8, 1973. (4)
318. Shneiderman B.: "Optimum database reorganization points", Communications of the ACM, Vol.16, No.6, pp.362-365, 1973. (13)

319. Shneiderman B.: "A model for optimizing indexed file structures", International Journal of Computer and Information Sciences, Vol.3, No.1, pp.93-103, 1974. (7)
320. Shneiderman B., Goodman V.: "Batched searching of sequential and tree-structured files", ACM Transactions on Database Systems, Vol.1, No.3, pp.268-275, 1976. (8,13)
321. Shneiderman B.: "Reduced combined indexes for efficient multiple attribute retrieval", Information Systems, Vol.1, No.4, pp.149-154, 1977. (11)
322. Shneiderman B.: "Jump searching - a fast sequential search technique", Communications of the ACM, Vol.21, No.10, pp.831-834, 1978. (4)
323. Six H.W., Wegner L.: "Sorting a random access file in situ", The Computer Journal, Vol.27, No.3, pp.270-275, 1984. (6)
324. Smith A.J.: "Cache memories", ACM Computing Surveys, Vol.14, No.3, pp.473-530, 1982. (3)
325. Snyder L.: "On B-trees re-examined", Communications of the ACM, Vol.21, No.7, pp.594, 1978. (8)
326. Sobel S.: "Oscillating sort - a new sort merging technique", Journal of the ACM, Vol.9, pp.372-374, 1962. (5)
327. Sockut G.H., Goldberg R.P.: "Database reorganization - principles and practice", ACM Computing Surveys, Vol.11, No.4, pp., 1979. (13)
328. Solomon M.K., Bickel R.W.: "A self-assesement procedure dealing with file processing", Communications of the ACM, Vol.29, No.8, pp.745-750, 1986. (13)
329. Sprugnoli R.: "Prefect hashing functions - a simple probe retrieving method for static sets", Communications of the ACM, Vol.20, No.11, pp.841-850, 1977. (9)
330. Srinivasan V., Carey M.J.: "Performance of B-tree concurrency control algorithms", Proceedings ACM SIGMOD 91 Conference, pp.416-425, 1991. (15)
331. Stonebraker M.: "The choice of partial inversions and combined indices", Journal of Computer and Information Sciences, pp.167-188, 1974. (11)
332. Stonebraker M.: "Operating system support for database management", Communications of the ACM, Vol.24 No.7 pp.412-418, 1981. (13)
333. Stonebraker M., Sellis T., Hanson E.: "Rule indexing implementations in database systems", Proceedings 1st Conference on Expert Database Systems, pp.465-476, 1986. (15)
334. Sussenguth E.H.: "Use of tree structures for processing files", Communications of the ACM, Vol.6, No.5, pp. 272-279, 1963. (8)
335. Tai K.C., Tharp A.L.: "Computed chaining - a hybrid of direct chaining and open addressing", Information Systems, Vol.6, No.2, pp.111-116, 1981. (9)
336. Tan K.P., Hsu L.S.: "Block sorting of a large file in external storage by a 2-component key", The Computer Journal, Vol.25, No.3, pp.327-329, 1985. (6)
337. Taylor D., Morgan D., Black J.: "Redundancy in data structures - improving software fault tolerance", IEEE Transactions on Software Engineering, Vol.6, No.6, pp.585-594, 1980. (13)

338. Taylor D., Black J.: "A locally correctable B-tree implementation", *The Computer Journal*, Vol.29, pp.269-276, 1986. (8,13)
339. Teuhola J., Wegner L.: "Minimal space - average linear time duplicate deletion", *Communications of the ACM*, Vol.34, No.3, pp. 62-73, 1989. (1)
340. Ting T.C., Wang Y.W.: "Multiway replacement selection sort with dynamic reservoir", *The Computer Journal*, Vol.20, No.4, 1977. (5)
341. Tomasic A., Garcia-Molina H., Shoens K.: "Incremental updates of inverted lists for text document retrieval", *Proceedings ACM SIGMOD 94 Conference*, pp.289-300, 1994. (11,15)
342. Toobs D.: "CCD and bubble memories", *IEEE Spectrum*, Vol.15, No.4, pp.22-30 and No.5, pp.36-39, 1978. (2)
343. Tsotras V., Kangelaris N.: "The snapshot index - an I/O optimal access method for timeslice queries", *Information Systems*, Vol.20, No.3, pp.237-260, 1995. (14)
344. Tzouramanis T., Vassilakopoulos M., Manolopoulos Y.: "Overlapping linear quadtrees - a spatiotemporal access method", *Proceedings 6th ACM Workshop on Advances in Geographical Information Systems*, pp.1-7, 1998. (14)
345. Tuel W.G.jr.: "Optimum reorganization points for linearly growing files", *ACM Transactions on Database Systems*, Vol.3, No.1, pp.32-40, 1978. (13)
346. Vaishnavi V.K.: "On the height of multidimensional height-balanced trees", *IEEE Transactions on Computers*, Vol.35, No.9, pp.773-780, 1986. (11)
347. Vaishnavi V.K.: "Multidimensional balanced binary trees", *IEEE Transactions on Computers*, Vol.38, No.7, pp.968-985, 1989. (11)
348. Vakali A., Manolopoulos Y.: "Parallel data paths in two-headed disk systems", *Information and Software Technology*, Vol.39, No.1, pp.125-135, 1997. (2)
349. Vakali A., Manolopoulos Y.: "An exact analysis on expected seeks in shadowed disks", *Information Processing Letters*, Vol.61, No.6, pp.323-329, 1997. (2)
350. Varman P.J., Verma R.M.: "An efficient multi-version access structure", *IEEE Transactions on Knowledge and Data Engineering*, Vol.9, No.3, pp.391-409, 1997. (14)
351. Vassilakopoulos M., Manolopoulos Y., Economou K.: "Overlapping quadtrees for the representation of similar images", *Image and Vision Computing*, Vol.11, No.5, pp.257-262, 1993. (14)
352. Vassilakopoulos M., Manolopoulos Y.: "Analytical comparison of two spatial data structures", *Information Systems*, Vol.19, No.7, pp.569-582, 1994. (14)
353. Vassilakopoulos M., Manolopoulos Y., Kröll B.: "Efficiency analysis of overlapped quadtrees", *Nordic Journal on Computing*, Vol.2, No.1, pp.70-84, 1995. (14)
354. Vassilakopoulos M., Manolopoulos Y.: "Dynamic inverted quadtrees - a structure for pictorial databases", *Information Systems, Special Issue on Multimedia Information Systems*, Vol.20, No.6, pp.483-500, 1995. (14)
355. Vassilakopoulos M., Manolopoulos Y.: "On random models for analyzing region quadtrees", *Pattern Recognition Letters*, Vol.16, pp.1137-1145, 1995. (14)
356. Veclerov E.: "Analysis of dynamic hashing with deferred splitting", *ACM Transactions on Database Systems*, Vol.10, No.1, pp.90-196, 1985. (10)

357. Vitter J.S.: "Analysis of the search performance of coalesced hashing", *Journal of the ACM*, Vol.30, No.2, pp.231-258, 1983. (9)
358. Vitter J.S.: "An efficient I/O interface for optical disks", *ACM Transactions on Database Systems*, Vol.10, No.2, pp.129-162, 1985. (2,13)
359. Wagner R.: "Indexing design considerations", *IBM Systems Journal*, Vol.4, pp.351-367, 1974. (8)
360. Waters S.J.: "Blocking sequentially processed magnetic files", *The Computer Journal*, Vol.14, Vol.2, 1971. (3)
361. Wegner L., Teuhola J.: "The external heapsort", *IEEE Transactions on Software Engineering*, Vol.15, No.7, pp.917-925, 1989. (6)
362. Wilkes J., Golding R., Staelin C., Sullivan T.: "The HP AutoRAID hierarchical storage system", *ACM Transactions on Computer Systems*, Vol.14, No.1, pp.108-136, 1996. (2)
363. Willard D.: "Maintaining dense sequential files in a dynamic environment", *Proceedings 14th ACM SIGACT Conference*, pp. 114-121, 1982. (3)
364. Willard D.: "Searching unindexed and nonuniformly generated files in $\log \log N$ time", *SIAM Journal on Computing*, Vol.14, No.4, pp. 1013-1029, 1985. (4)
365. Willard D.: "Good worst-case algorithms for inserting and deleting records in dense sequential files", *Proceedings ACM SIGMOD 86 Conference*, pp.251-260, 1986. (4)
366. Williams F.A.: "Handling identifiers as internal symbols in language processors", *Communications of the ACM*, Vol.2, No.6, pp.21-24, 1959. (9)
367. Williams J.W.J.: "Algorithm 232", *Communications of the ACM*, Vol.7, No.6, pp.347-348, 1964. (6)
368. Wong C.K.: "Minimizing expected head movement in one-dimensional and two-dimensional mass storage systems", *ACM Computing Surveys* Vol.12, No.2, pp.167-178, 1980. (2)
369. Wong H., Li J.Z.: "Transposition algorithms for very large compressed databases", *Proceedings 12th Conference on Very Large Data Bases*, pp.304-311, 1986. (13)
370. Wright W.E.: "A note on external sorting using almost single input buffering", *Information Processing Letters*, Vol.24, pp.403-405, 1987. (6)
371. Yao A.: "On random 2-3 trees", *Acta Informatica*, Vol.2, No.9, pp. 159-170, 1978. (8)
372. Yang C.S.: "Avoiding redundant record accesses in unsorted multilist file organizations", *Information Systems*, Vol.2, pp.155-158, 1977. (11)
373. Yang C.S.: "A class of hybrid list file organizations", *Information Systems*, Vol.3, No.1, pp.49-58, 1978. (11)
374. Yao S.B., Das K.S., Teorey T.J.: "A dynamic reorganization algorithm", *ACM Transactions on Database Systems*, Vol.1, No.2, pp.159-174, 1976. (13)
375. Yu C.T., Suen C.M., Lam K., Siu M.K.: "Adaptive record clustering", *ACM Transactions on Database Systems*, Vol.10, No.2, pp.180-204, 1985. (13)
376. Xu X., Han J., Lu W.: "RT-tree: an improved R-tree index structure for spatiotemporal databases", *Proceedings 4th Symposium on Spatial Data Handling*, pp.1040-1049, 1990. (14)