BDK17 Recommended readings

Aho, Alfred V., John E. Hopcroft, and Jeffrey D. Ullman. The Design and Analysis of Computer Algorithms. Reading, MA: Addison-Wesley, 1974.

Aho, Alfred V., John E. Hopcroft, and Jeffrey D. Ullman Data Structures and Algorithms. Reading, MA: Addison-Wesley, 1983

Baase, Sara. Computer Algorithms: Introduction to Design and Analysis. 2nd ed. Reading, MA: Addison-Wesley, 1988.

Bentley, Jon Louis. Programming Pearls. Reading, MA: Addison-Wesley, 1986.

Bentley, Jon Louis More Programming Pearls: Confessions of a Coder. Reading, MA: Addison-Wesley, 1988..

Bentley, Jon Louis. Writing Efficient Programs. Englewood Cliffs, NJ: Prentice-Hall, 1982.

Brassard, Gilles, and Paul Bratley. Algorithmics: Theory and Practice. Englewood Cliffs, NJ: Prentice-Hall, 1988.

Cormen, Thomas, Charles Leiserson, Ronald Rivest, and Clifford Stein. Introduction to Algorithms. 3rd ed. MIT Press, 2009

Even, Shimon. Graph Algorithms. Rockville, MD: Computer Science Press, 1979.

Garey, Michael R., and David S. Johnson. Computers and Intractibility: A Guide to the Theory of NP-Completeness. San Francisco, CA: W. H. Freeman & Co., 1979.

Gusfield, Dan. Algorithms on Strings, Trees, and Sequences: Computer Science and Computational Biology. Cambridge, UK: Cambridge University Press, 1997.

Kingston, Jeffrey H. Algorithms and Data Structures: Design, Correctness, Analysis. Reading, MA: Addison-Wesley Publishing Co., 1991

Knuth, Donald E. The Art of Computer Programming. 3rd ed. 3 vols. Reading, MA: Addison-Wesley, 1997.

Manber, Udi. Introduction to Algorithms: A Creative Approach. Reading, MA: Addison-Wesley, 1989.

Mehlhorn, Kurt. Data Structures and Algorithms. 3 vols. New York, NY: Springer-Verlag, 1984.

Reingold, Edwin M., Jurg Nievergelt, and Narsingh Deo. Combinatorial Algorithms: Theory and Practice. Englewood Cliffs, NJ: Prentice-Hall, 1977.