**Reference Texts for the Study of**

**Analysis of Algorithms**

**(list in progress)**

1. Alfred V. Aho, John E. Hopcroft, and Jeffrey D. Ullman, *The Design and Analysis of Computer Algorithms*, Addison-Wesley, 1974.
2. Sara Baase and Allen Van Gelder, *Computer Algorithms: Introduction to Deisgn and Analysis*, 3rd edition, Pearson, 1999.
3. Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, Clifford Stein, *Introduction to Algorithms*, 3rd edition, MIT Press, 2009.
4. Donald E. Knuth, *The Art of Computer Programming*, Volumes 1-4A, Addison-Wesley Professional, 2011.
5. Dexter C. Kozen, *The Design and Analysis of Algorithms*, Springer, 2011.
6. Anany Levitin*, Introduction to the Design and Analysis of Algorithms*, 3rd edition, Pearson, 2011.
7. Jeffrey J. McConnell, *Analysis of Algorithms: An Active Learning Approach*, 2nd edition, Jones and Bartlett Publishers, 2008.
8. Robert Sedgewick and Phillipe Flajolet, *An Introduction to the Analysis of Algorithms*, 2nd edition, Addison-Wesley Professional, 2013.
9. Robert Sedgewick and Kevin Wayne, *Algorithms*, 4th edition, Addison-Wesley Professional, 2011.
10. Clifford Shaffer, *Data Structures and Algorithm Analysis*, 3rd edition, Dover Publications, 2013.
11. Steven S. Skienna, *The Algorithm Design Manual*, 2nd edition, Springer, 2008.
12. Dana Vrajitoru and William Knight, *Practical Analysis of Algorithms*, Springer, 2014.
13. Mark Allen Weiss, *Data Structures and Algorithm Analysis in Java*, 3rd edition, Pearson, 2012.