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## **Thomas H. Cormen - Department of Computer Science**

This document is an instructor's manual

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to accompany Introduction to Algorithms, Third Edition, by Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, and Clifford Stein. It is intended for use in a course on algorithms. You might also find some of the material herein to be useful for a CS 2-style course in data structures.

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Invited Talks). Electronics and Telecommunications Research Institute (ETRI). Daejeon, South Korea Sept. 2015: Grover Search with Lackadaisical Quantum Walks (Talk). QALGO Project Meeting. Riga, Latvia May 2015

## **Thomas Wong**

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Divide: This involves dividing the problem into smaller sub-problems.  
Conquer: Solve sub-problems by calling recursively until solved. Combine:

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Combine the sub-problems to get the final solution of the whole problem. The following are some standard algorithms that follow Divide and Conquer algorithm. Quicksort is a sorting algorithm. The algorithm picks a pivot element and rearranges the array ...

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value), corresponding to a particular key value, along with that key value in the node of a B-tree.

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