handbook of theoretical computer science vol a - the handbook of theoretical computer science provides professionals and students with a comprehensive overview of the main results and developments in this rapidly evolving field. Volume A covers models of computation, complexity theory, data structures, and efficient computation in many recognized subdisciplines of theoretical computer science. Computational complexity theory focuses on classifying computational problems according to their inherent difficulty and relating these classes to each other. A computational problem is a task solved by a computer; a computation problem is solvable by mechanical application of mathematical steps such as an algorithm. Academic department of computer science official website - CS 102 logical organization of computers aims; there are two views of computer architecture: the traditional view dating back to the IBM System 360 from the early 1960s and the designer's visible view of the machine. While its implementation is the province of the hardware designer, resolve a DOI name - type or paste a DOI name into the text box and click go. Your browser will take you to a web page URL associated with that DOI name. Send questions or comments to DOI, The Ada project women in computer science Carnegie - The Ada project Tap is a clearinghouse for information and resources related to women in computing. Doing data science semanticommunity.info - Story doing data science exercises without data cleaning and coding so as a data scientist data journalist information designer who is about to teach university courses I ask is it possible to teach and introductory level class that does not require first learning a lot about data cleaning and coding. Soft condensed matter Oxford master series in condensed - The chapters are written in straightforward language conveying essential ideas and fundamentals in a very readable manner. The book illustrates how one can convey complex ideas in simple words and yet capture all intricacies of the subject. Deep learning in neural networks - An overview sciencedirect - Preface this is the preprint of an invited deep learning DL overview one of its goals is to assign credit to those who contributed to the present state of the art. I acknowledge the limitations of attempting to achieve this goal. Image quality in CT from physical measurements to model - introduction diagnostic x rays contribute to nearly 50% of the total annual collective effective dose of radiations from man made and natural sources to the general population in western countries. Computed tomography CT is the largest single source of this medical exposure. Steganography for the computer forensics examiner - An overview of steganography for the computer forensics examiner Gary C. Kessler February 2004 updated February 2015. An edited version of this paper appears in the July 2004 issue of forensic science communications. This version is updated with current information and links.