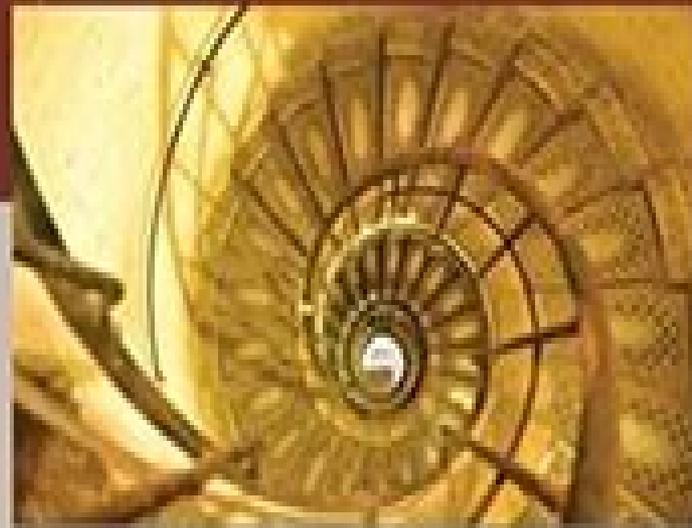


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Essays on Coding Theory Ian F. Blake, 2024-03-14 Brief informal introductions to coding techniques developed for the storage retrieval and transmission of large amounts of data

Discrete Mathematics and Its Applications Kenneth H. Rosen, 2002-09-01 *Discrete Mathematics and its Applications* is a focused introduction to the primary themes in a discrete mathematics course as introduced through extensive applications expansive discussion and detailed exercise sets These themes include mathematical reasoning combinatorial analysis discrete structures algorithmic thinking and enhanced problem solving skills through modeling Its intent is to demonstrate the relevance and practicality of discrete mathematics to all students The Fifth Edition includes a more thorough and linear presentation of logic proof types and proof writing and mathematical reasoning This enhanced coverage will provide students with a solid understanding of the material as it relates to their immediate field of study and other relevant subjects The inclusion of applications and examples to key topics has been significantly addressed to add clarity to every subject True to the Fourth Edition the text specific web site supplements the subject matter in meaningful ways offering additional material for students and instructors Discrete math is an active subject with new discoveries made every year The continual growth and updates to the web site reflect the active nature of the topics being discussed The book is appropriate for a one or two term introductory discrete mathematics course to be taken by students in a wide variety of majors including computer science mathematics and engineering College Algebra is the only explicit prerequisite

Open Data Structures Pat Morin, 2013 Introduction Array based lists Linked lists Skiplists Hash tables Binary trees Random binary search trees Scapegoat trees Red black trees Heaps Sorting algorithms Graphs Data structures for integers External memory searching

Handbook of Healthcare Operations Management Brian T. Denton, 2013-02-28 From the Preface Collectively the chapters in this book address application domains including inpatient and outpatient services public health networks supply chain management and resource constrained settings in developing countries Many of the chapters provide specific examples or case studies illustrating the applications of operations research methods across the globe including Africa Australia Belgium Canada the United Kingdom and the United States Chapters 1-4 review operations research methods that are most commonly applied to health care operations management including queuing simulation and mathematical programming

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Proceedings of the Seventeenth Annual ACM-SIAM Symposium on Discrete Algorithms
 SIAM Activity Group on Discrete Mathematics, Association for Computing Machinery, Society for Industrial and Applied Mathematics, 2006-01-01
 Symposium held in Miami, Florida, January 22-24, 2006. This symposium is jointly sponsored by the ACM Special Interest Group on Algorithms and Computation Theory and the SIAM Activity Group on Discrete Mathematics.

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