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ESSENTIALS
of
DISCRETE
MATHEMATICS

— *Third Edition* —



DAVID J. HUNTER

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Essentials Of Discrete Mathematics 3rd Edition

David J. Hunter



Essentials Of Discrete Mathematics 3rd Edition :

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Essentials of Discrete Mathematics Hunter, 2010-01-01 *Discrete Mathematics Quiz Book* S.R. Subramanya, This is a quiz exercise self assessment book It has a vast collection of questions in Discrete Mathematics The topical coverage includes Logic and Proof methods Sets Functions Relations Properties of integers Sequences Induction and Recursion Basic and advanced counting methods Discrete probability Graph theory Modeling computation and Boolean algebra

Essentials of Discrete Mathematics David Hunter, 2012 This is the ideal text for a one term discrete mathematics course to serve computer scientists as well as other students It introduces students to the mathematical way of thinking and also to many important modern applications

Essential Discrete Mathematics for Computer Science Harry Lewis, Rachel Zax, 2019-03-19 Discrete mathematics is the basis of much of computer science from algorithms and automata theory to combinatorics and graph theory Essential Discrete Mathematics for Computer Science aims to teach mathematical reasoning as well as concepts and skills by stressing the art of proof It is fully illustrated in color and each chapter includes a concise summary as well as a set of exercises

Mathematical Foundations of Computer Science Ashwin Lall, 2024-11-05 Mathematical Foundations of Computer Science introduces students to the discrete mathematics needed later in their Computer Science coursework with theory of computation topics interleaved throughout Students learn about mathematical concepts just in time to apply them to theory of computation ideas For instance sets motivate the study of finite automata direct proof is practised using closure properties induction is used to prove the language of an automaton and contradiction is used to apply the pumping lemma The main content of the book starts with primitive data types such as sets and strings and ends with showing the undecidability of the halting problem There are also

appendix chapters on combinatorics probability elementary number theory asymptotic notation graphs loop invariants and recurrences The content is laid out concisely with a heavy reliance on worked examples of which there are over 250 in the book Each chapter has exercises totalling 550 This class tested textbook is targeted to intermediate Computer Science majors and it is primarily intended for a discrete math proofs course in a Computer Science major It is also suitable for introductory theory of computation courses The authors hope this book breeds curiosity into the subject and is designed to satisfy this to some extent by reading this book The book will prepare readers for deeper study of game theory applications in many fields of study **Strayer Pod- Essentials of Discrete Mathematics 3e** Jones & Bartlett Learning, LLC,2018-08-21

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Joel J. Lerner,James A. Cashin,1993 Accounting I 4 e as the previous editions is intended to cover the first semester of an introductory accounting course for two and four year colleges and business schools This edition is expanded and updated New chapters on the merchandising company alternative inventory evaluation methods the payroll system payroll accounting and property is added

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