Discrete Mathematics Using a Computer, 2nd Edition
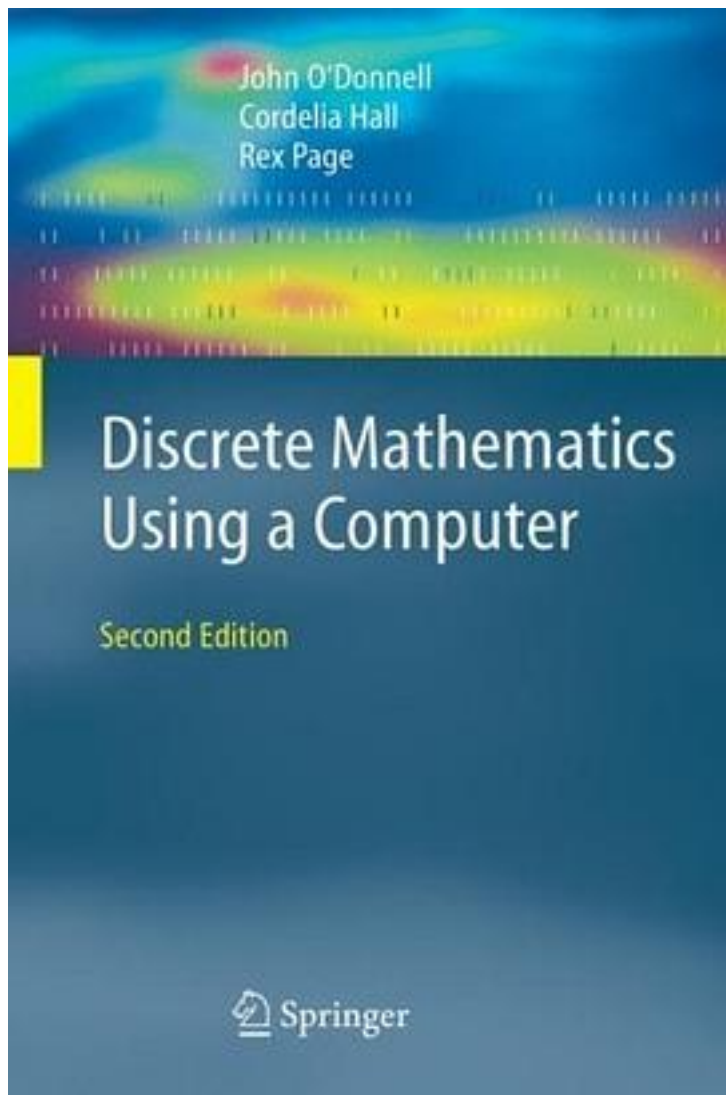
Discrete Mathematics Using a Computer, 2nd Edition_下载链接1_

著者:John O'Donnell

出版者:Springer

出版时间:2006-07-10

装帧:Paperback

isbn:9781846282416

This book offers a "hands-on" approach to teaching Discrete Mathematics. Using software that is freely available on Mac, PC & Unix platforms, the functional language Haskell allows students to experiment with mathematical notations & concepts -- a practical approach that provides students with instant feedback & allows lecturers to monitor progress easily. This 2nd edition contains additional material on the applications of formal methods to practical programming problems. There are more examples of induction proofs on small programs, & a new chapter showing how a mathematical approach can be used to motivate AVL trees, a complex data structure. Designed for 1st & 2nd year undergraduates, the book is also well suited for self-study. No prior knowledge of functional programming is required. Complete with an instructor's guide, via the web, this book is intended as the primary teaching text for Discrete Mathematics courses, but will also provide useful reading for Conversion Masters & Formal Methods courses.

作者介绍:

目录:

Discrete Mathematics Using a Computer, 2nd Edition_下载链接1

标签

计算机科学

数学

函数式编程

编程

计算机

programming

评论

只能做做参考手册。

书评

很多概念出现的很突兀 当然如果你有相关的知识 不如去看 The Haskell Road to Logic, Maths and Programming 都是用Haskell讲离散数学