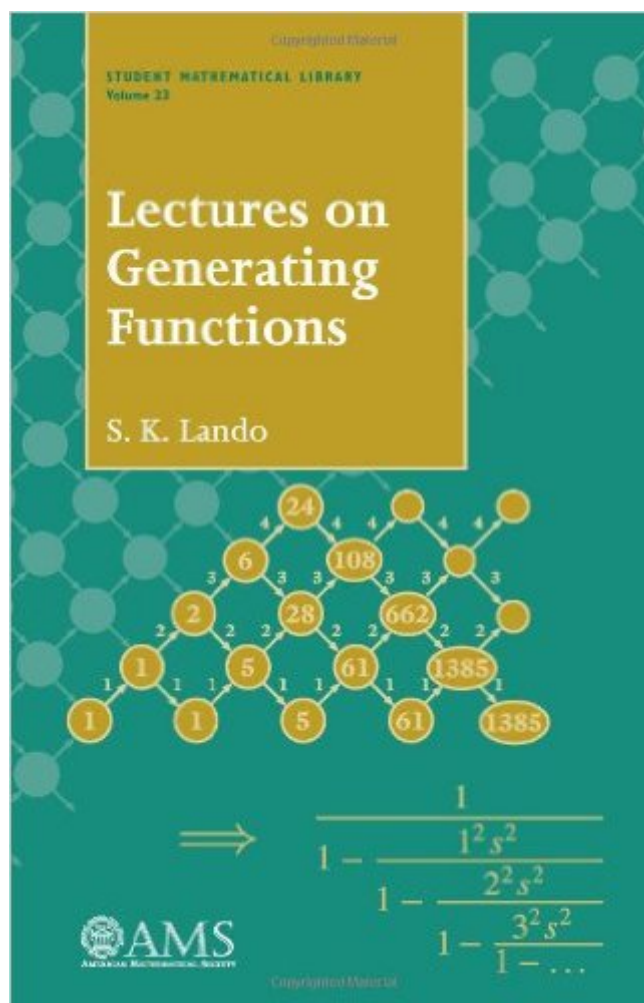


The book was found

Lectures On Generating Functions (Student Mathematical Library, V. 23)



Synopsis

This book introduces readers to the language of generating functions, which nowadays, is the main language of enumerative combinatorics. The book starts with definitions, simple properties, and numerous examples of generating functions. It then discusses topics such as formal grammars, generating functions in several variables, partitions and decompositions, and the exclusion-inclusion principle. In the final chapter, the author describes applications to enumeration of trees, plane graphs, and graphs embedded in two-dimensional surfaces. Throughout the book, the author motivates readers by giving interesting examples rather than general theories. It contains numerous exercises to help students master the material.

Book Information

Series: Student Mathematical Library, V. 23 (Book 23)

Paperback: 148 pages

Publisher: American Mathematical Society (October 21, 2003)

Language: English

ISBN-10: 0821834819

ISBN-13: 978-0821834817

Product Dimensions: 0.5 x 5.5 x 8.2 inches

Shipping Weight: 7.2 ounces (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars Â See all reviews Â (2 customer reviews)

Best Sellers Rank: #1,632,027 in Books (See Top 100 in Books) #302 in Â Books > Science & Math > Mathematics > Pure Mathematics > Combinatorics

Customer Reviews

I used a version of this book as lecture notes when I took Lando's class on combinatorics a couple years ago. The material is incredibly interesting and very well presented--and not too complicated! Highly recommended.

It's ok. Not a great book but has what it is necessary. I would recommend to look for other options.

[Download to continue reading...](#)

Lectures on Generating Functions (Student Mathematical Library, V. 23) Elementary Algebraic Geometry (Student Mathematical Library, Vol. 20) (Student Mathematical Library, V. 20) Transformation Groups for Beginners (Student Mathematical Library, Vol. 25) (Student

Mathematical Library, V. 25) Handbook of Mathematical Functions: with Formulas, Graphs, and Mathematical Tables (Dover Books on Mathematics) Galois Theory for Beginners: A Historical Perspective (Student Mathematical Library) (Student Mathematical Library) Microsoft Excel 2013 Functions & Formulas Quick Reference Card (4-page Cheat Sheet focusing on examples and context for intermediate-to-advanced functions and formulas- Laminated Guide) Microsoft Excel 2010 Functions & Formulas Quick Reference Guide (4-page Cheat Sheet focusing on examples and context for intermediate-to-advanced functions and formulas- Laminated Guide) Leadership Roles and Management Functions in Nursing: Theory and Application (Marquis, Leadership Roles and Management Functions in Nursing) An Introduction to Mathematical Reasoning: Numbers, Sets and Functions Lectures on Antitrust Economics (Cairolì Lectures) The Birth of Biopolitics: Lectures at the Collège de France, 1978-1979 (Lectures at the Collège de France) The Government of Self and Others: Lectures at the Collège de France, 1982-1983 (Lectures at the Collège de France) Lectures on the Will to Know (Michel Foucault, Lectures at the Collège de France) Security, Territory, Population: Lectures at the Collège de France, 1977 - 78 (Michel Foucault, Lectures at the Collège de France) Feynman Lectures Simplified 4A: Math for Physicists (Everyone's Guide to the Feynman Lectures on Physics Book 12) The B2B Social Media Book: Become a Marketing Superstar by Generating Leads with Blogging, LinkedIn, Twitter, Facebook, Email, and More 5 Minutes a Day Guide to Blogging: How to Create, Promote & Market a Successful Money Generating Blog Homesteading for Beginners: Self-sufficiency guide, Grow your own food, Repair your own home, Raising Livestock and Generating your own Energy (Homesteading, ... The Homesteading Handbook: A Back to Basics Guide to Growing Your Own Food, Canning, Keeping Chickens, Generating Your Own Energy, Crafting, Herbal Medicine, and More (The Handbook Series) Explosive Leads Generation Marketing for Lawyers: The Attorneys' Secret Guide to Generating Unlimited Leads On Total On Auto-Pilot 24/7 And Exploding Your Bottom Line in 30 Days or Less

[Dmca](#)