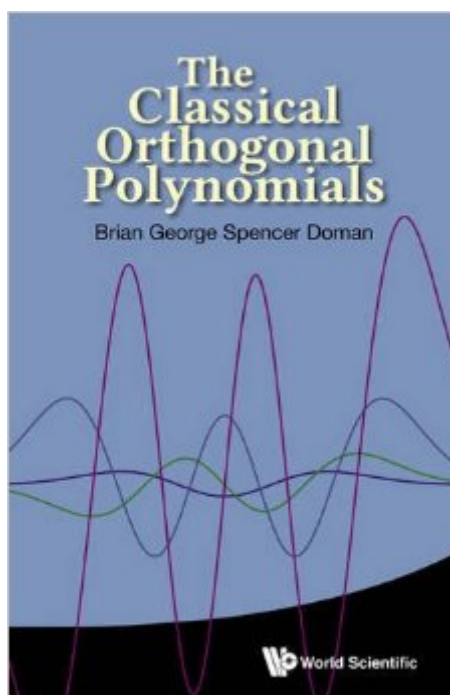


The book was found

# The Classical Orthogonal Polynomials



## Synopsis

This book defines sets of orthogonal polynomials and derives a number of properties satisfied by any such set. It continues by describing the classical orthogonal polynomials and the additional properties they have. The first chapter defines the orthogonality condition for two functions. It then gives an iterative process to produce a set of polynomials which are orthogonal to one another and then describes a number of properties satisfied by any set of orthogonal polynomials. The classical orthogonal polynomials arise when the weight function in the orthogonality condition has a particular form. These polynomials have a further set of properties and in particular satisfy a second order differential equation. Each subsequent chapter investigates the properties of a particular polynomial set starting from its differential equation.

## Book Information

Hardcover: 176 pages

Publisher: World Scientific Publishing Company (November 21, 2015)

Language: English

ISBN-10: 9814704032

ISBN-13: 978-9814704038

Product Dimensions: 6.1 x 0.7 x 9.1 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,990,303 in Books (See Top 100 in Books) #400 in Books > Science & Math > Mathematics > Reference #1472 in Books > Science & Math > Physics > Mathematical Physics #1655 in Books > Science & Math > Mathematics > Mathematical Analysis

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

The Classical Orthogonal Polynomials Introduction to Abstract Algebra: From Rings, Numbers, Groups, and Fields to Polynomials and Galois Theory Easy Classical Guitar & Melodica Duets: Featuring music of Bach, Mozart, Beethoven, Wagner and others. For Classical Guitar and Melodica. In Standard Notation and Tablature. A Rasa Reader: Classical Indian Aesthetics (Historical Sourcebooks in Classical Indian Thought) The Record Shelf Guide to Classical CDs and Audiocassettes: Fifth Revised and Expanded Edition (Insider's Guide to Classical Recordings) Bayesian Signal Processing: Classical, Modern and Particle Filtering Methods (Adaptive and Cognitive Dynamic Systems: Signal Processing, Learning, Communications and Control) Classical Tradition in Anatolian Carpets The Ince Blundell Collection of Classical Sculpture: Volume 1, The

Portraits Part 1, The Female Portraits (Corpus Signorum Imperii Romani. Great Britain, V. 3, Fasc. 2, 9.) The Learned Collector: Mythological Statuettes and Classical Taste in Late Antique Gaul Furniture: World Styles from Classical to Contemporary Classical Turkish Cooking: Simple, Easy, and Unique Turkish Recipes (Turkish Cooking, Turkish Cookbook, Turkish Recipes) (Volume 1) The Tagine Dream: Classical and Contemporary Tagines from Morocco, Tunisia, and Algeria (Tagine Recipes, Tagine Cookbook, Algerian Recipes, Moroccan Recipes, Tunisian Recipes Book 1) Fortran Codes for Classical Methods in Linear Dynamics The Art of Classical Furniture Finishing The Story of the World: History for the Classical Child: Volume 1: Ancient Times: From the Earliest Nomads to the Last Roman Emperor Introduction to Classical and Modern Test Theory The Core: Teaching Your Child the Foundations of Classical Education Classical Dynamics: A Contemporary Approach ISO 4183:1995, Belt drives - Classical and narrow V-belts - Grooved pulleys (system based on datum width) Discovering Pure Classical Pilates: Theory and Practice as Joseph Pilates Intended - The Traditional Method vs. The Lies for Sale

[Dmca](#)