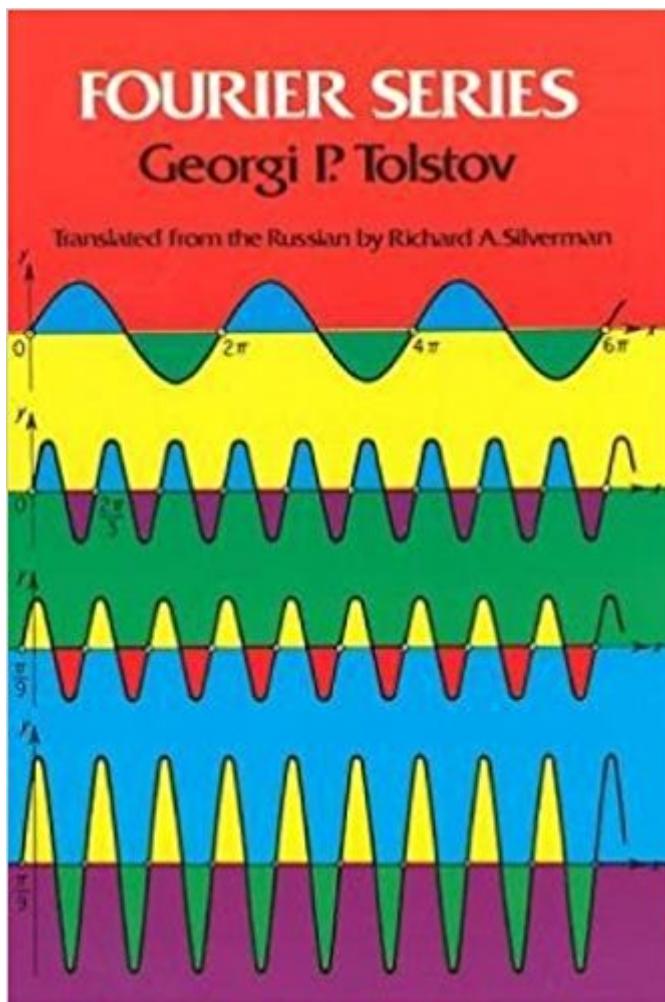


The book was found

# Fourier Series (Dover Books On Mathematics)



## Synopsis

Richard A. Silverman's series of translations of outstanding Russian textbooks and monographs is well-known to people in the fields of mathematics, physics, and engineering. The present book is another excellent text from this series, a valuable addition to the English-language literature on Fourier series. This edition is organized into nine well-defined chapters: Trigonometric Fourier Series, Orthogonal Systems, Convergence of Trigonometric Fourier Series, Trigonometric Series with Decreasing Coefficients, Operations on Fourier Series, Summation of Trigonometric Fourier Series, Double Fourier Series and the Fourier Integral, Bessel Functions and Fourier-Bessel Series, and the Eigenfunction Method and its Applications to Mathematical Physics. Every chapter moves clearly from topic to topic and theorem to theorem, with many theorem proofs given. A total of 107 problems will be found at the ends of the chapters, including many specially added to this English-language edition, and answers are given at the end of the text. Richard Silverman's excellent translation makes this book readily accessible to mathematicians and math students, as well as workers and students in the fields of physics and engineering. He has also added a bibliography, containing suggestions for collateral and supplementary reading. 1962 edition.

## Book Information

Series: Dover Books on Mathematics

Paperback: 352 pages

Publisher: Dover Publications (June 1, 1976)

Language: English

ISBN-10: 0486633179

ISBN-13: 978-0486633176

Product Dimensions: 5.6 x 0.7 x 8.3 inches

Shipping Weight: 12.8 ounces (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars 67 customer reviews

Best Sellers Rank: #40,235 in Books (See Top 100 in Books) #2 in Books > Science & Math > Mathematics > Pure Mathematics > Functional Analysis #14 in Books > Science & Math > Physics > Mathematical Physics #23 in Books > Science & Math > Mathematics > Mathematical Analysis

## Customer Reviews

Not for everyone, but if you need to work with complex signals (like human speech), this is one way to get working...

As its name ,it is a book about Fourier series . In chapter two one find another definition for orthogonal systems by their integrals. and there are examples and problems

Great for review and catch up! A required reference for all Physics students and Math students. Add this to your reference library.

Great book for the price. I will continue referencing it for some time.

A good, useful book for an engineer/scientist

This is excellently written. This is perfect for self study, which is exactly what I bought it for. The author has a way of clearly and succinctly explaining the sometimes complex material. It was rare that I needed to turn back to a page to remember something because the presentation of the material makes it stick.

I am not smart enough to understand this book. After re-taking calculus which I am in the process of doing, I will give it another crack.

Great study textbook!

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

Fourier Series, Transforms, and Boundary Value Problems: Second Edition (Dover Books on Mathematics) Fourier Series (Dover Books on Mathematics) Fourier Analysis on Groups (Dover Books on Mathematics) Chebyshev and Fourier Spectral Methods: Second Revised Edition (Dover Books on Mathematics) Fourier Transforms (Dover Books on Mathematics) An Introduction to Laplace Transforms and Fourier Series (Springer Undergraduate Mathematics Series) Random Fourier Series with Applications to Harmonic Analysis. (AM-101), Volume 101 (Annals of Mathematics Studies) Classical Fourier Analysis (Graduate Texts in Mathematics) Modern Fourier Analysis (Graduate Texts in Mathematics) Fourier Analysis (Graduate Studies in Mathematics) Principles of Fourier Analysis, Second Edition (Textbooks in Mathematics) Inside the FFT Black Box: Serial and Parallel Fast Fourier Transform Algorithms (Computational Mathematics) READING ORDER: TAMI HOAG: BOOKS LIST OF THE BITTER SEASON, KOVAC/LISKA BOOKS, HENNESSY BOOKS, QUAID HORSES, DOUCET BOOKS, DEER LAKE BOOKS, ELENA ESTES

BOOKS, OAK KNOLL BOOKS BY TAMI HOAG Mathematics and the Imagination (Dover Books on Mathematics) One Hundred Problems in Elementary Mathematics (Dover Books on Mathematics) Mathematics for Quantum Mechanics: An Introductory Survey of Operators, Eigenvalues, and Linear Vector Spaces (Dover Books on Mathematics) The Nature and Power of Mathematics (Dover Books on Mathematics) Mathematics for the Nonmathematician (Dover Books on Mathematics) Understanding Infinity: The Mathematics of Infinite Processes (Dover Books on Mathematics) Mathematics and the Physical World (Dover Books on Mathematics)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)