



Analytic Tools for Feynman Integrals

By Vladimir A. Smirnov

Springer. Hardcover. Book Condition: New. Hardcover. 296 pages. Dimensions: 9.4in. x 6.2in. x 0.9in. The goal of this book is to describe the most powerful methods for evaluating multiloop Feynman integrals that are currently used in practice. This book supersedes the authors previous Springer book Evaluating Feynman Integrals and its textbook version Feynman Integral Calculus. Since the publication of these two books, powerful new methods have arisen and conventional methods have been improved on in essential ways. A further qualitative change is the fact that most of the methods and the corresponding algorithms have now been implemented in computer codes which are often public. In comparison to the two previous books, three new chapters have been added: One is on sector decomposition, while the second describes a new method by Lee. The third new chapter concerns the asymptotic expansions of Feynman integrals in momenta and masses, which were described in detail in another Springer book, Applied Asymptotic Expansions in Momenta and Masses, by the author. This chapter describes, on the basis of papers that appeared after the publication of said book, how to algorithmically discover the regions relevant to a given limit within the strategy of expansion by regions. In addition,...



READ ONLINE [5.23 MB]

Reviews

Merely no words to spell out. It is amongst the most awesome publication i have read. Your life span will likely be transform as soon as you full reading this book.

-- Marvin Okuneva

Completely among the best publication I have got at any time go through. I have got go through and so i am confident that i will likely to read again once more down the road. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Zachery Mertz

Other Books



Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. This book is about my cousin, Billy a guy who taught me a lot over the years and who can teach you a lot. Everyone who...



Too Old for Motor Racing: A Short Story in Case I Didnt Live Long Enough to Finish Writing a Longer One

Balboa Press. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.We all have dreams of what we want to do and who we want to become. Many of us eventually decide it is too late; we have missed...



The Day I Forgot to Pray

Tate Publishing. Paperback. Book Condition: New. Paperback. 28 pages. Dimensions: 8.7in. x 5.8in. x 0.3in.Alexis is an ordinary five-year-old who likes to run and play in the sandbox. On her first day of Kindergarten, she makes her first school-aged friend, Elizabeth, and...



DK Readers Animal Hospital Level 2 Beginning to Read Alone

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.9in. x 5.8in. x 0.1in.This Level 2 book is appropriate for children who are beginning to read alone. When Jack and Luke take an injured duck to the vet, it is just...



DK Readers Day at Greenhill Farm Level 1 Beginning to Read

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.8in. x 5.7in. x 0.2in.This Level 1 book is appropriate for children who are just beginning to read. When the rooster crows, Greenhill Farm springs to life. Join the ducklings, cows, and...



A Sea Symphony - Study Score

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 324 pages. Dimensions: 9.6in. x 6.7in. x 0.7in.Vaughan Williams conducted the first performance of his great choral symphony on his 38th birthday, October 12, 1910, at the Leeds Music Festival. The work was well...