Integral Transforms and Their Applications (Texts in Applied Mathematics)

Brian Davies
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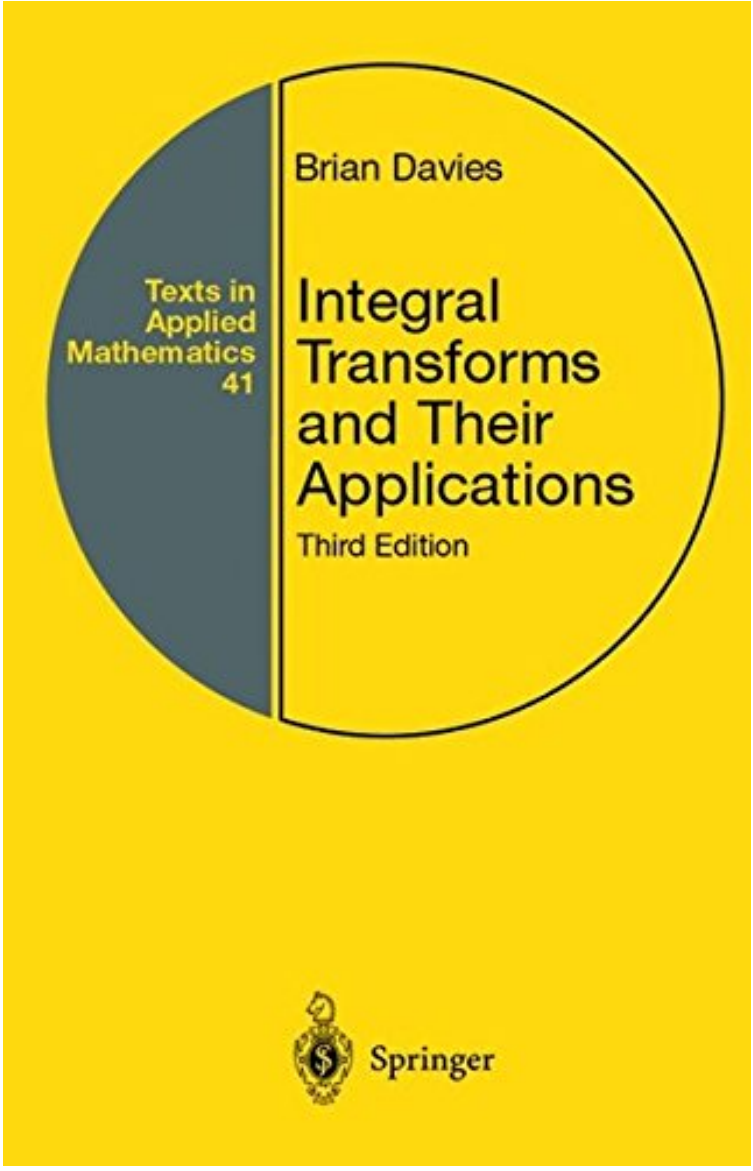

#4022801 in Books Brian Davies 2002-01-02Original language:EnglishPDF # 1 9.21 x .88 x 6.14l, 1.52 #File Name: 0387953140370 pagesIntegral Transforms And Their Applications | File size: 37.Mb

Brian Davies : Integral Transforms and Their Applications (Texts in Applied Mathematics) before purchasing it in order to gage whether or not it would be worth my time, and all praised Integral Transforms and Their Applications (Texts in Applied Mathematics):

3 of 7 people found the following review helpful. No details, impossible to learn fromBy AnnaThis book covers a

huge range of topics. There are no details. I am unable to work the homework problems with the details provided in the text. I'm googling information and will purchase a few more textbooks so I can learn something. This book might be good as a reference book if you already know what you're doing.6 of 6 people found the following review helpful. new chap 19 on numerical inverse laplace transformsBy KrisChapter 19 is an excellent modern review of the main numerical inverse Laplace transform methods in use today. It does a good job of tying together many of the methods into a unifying theoretical light. Pretty much the only modern review out there on the mathematics of numerical Laplace transform inversion.The rest of the book is great too.(EDIT: there is now a book by Cohen available on the topic of numerical inversion of Laplace transforms, but the coverage in this book is much more cohesive and insightful)2 of 6 people found the following review helpful. Great IntroductionBy Edward QubainThis well written book teaches by example and will quickly make you proficient in the subject. Davies uses complex analysis to approach the subject which provides a way to visualize the problems.

This is a substantially updated, extended and reorganized third edition of an introductory text on the use of integral transforms. Chapter I is largely new, covering introductory aspects of complex variable theory. Emphasis is on the development of techniques and the connection between properties of transforms and the kind of problems for which they provide tools. Around 400 problems are accompanied in the text. It will be useful for graduate students and researchers working in mathematics and physics.

From the reviews of the third edition: B. Davies Integral Transforms and their Applications "Extremely well-written and a joy to read . . . Whether the reader is seeking a useful text for a graduate course or a valuable reference on integral transforms, I would highly recommend Brian Davies' book." THE AUSTRALIAN MATHEMATICAL SOCIETY "A testament to the quality and usefulness of this monograph is that a third edition has now appeared. In addition to the material previously included, there have been significant extensions in some of the topics . The writing style and the overall structure of the presentation have been modified and, as a consequence, the current edition is extremely well-written and a joy to read. I would highly recommend Brian Davies book." (W.P. Wood, The Australian Mathematical Society Gazette, Vol. 30 (1), 2003) "In its present third edition this well known work has undergone considerable reconstruction or augmentation . Due to the general character of this volume, the many examples worked out or provided, this volume will be of use to readers intending to make actual use of integral transforms." (H. Muthsam, Monatshefte fr Mathematik, Vol. 139 (2), 2003) "Nevertheless that the new edition has less pages, it is now about 20% longer which can find a seemingly explanation by its more compact and now modern photocomposed copy preparation on the basis of a LaTeX file. As conclusion the new edition gained considerably it can be highly recommended to a broad readership." (J. Synnatzschke, ZAA, Vol. 21 (3), 2002)