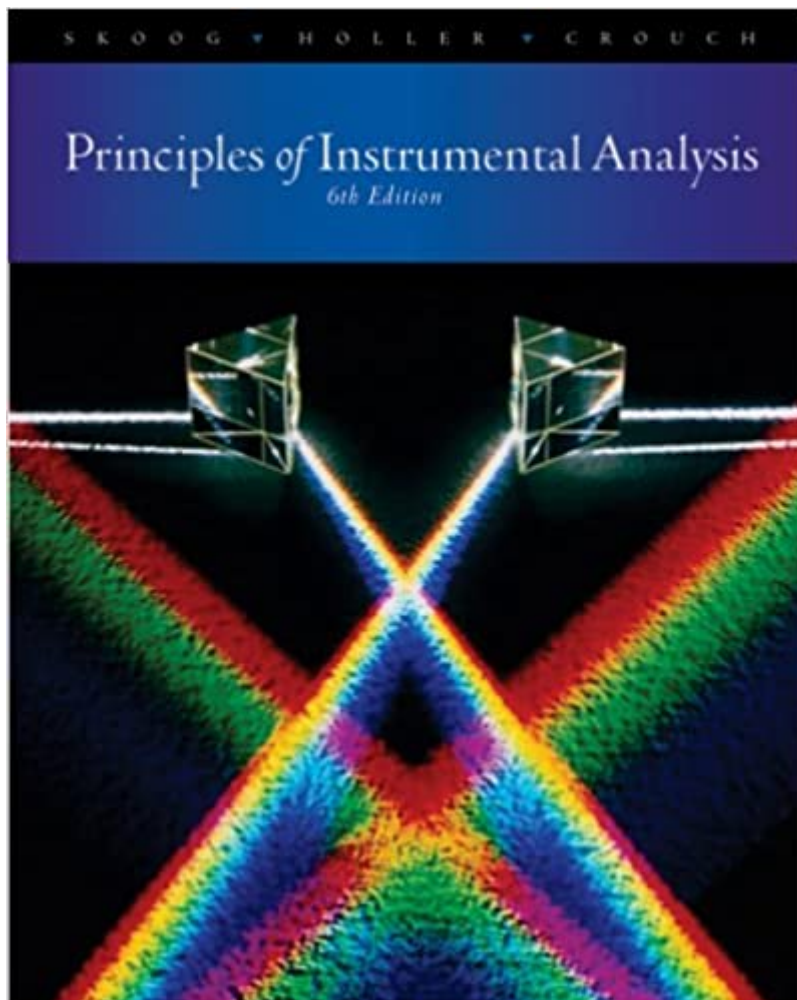


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Principles Of Instrumental Analysis



Synopsis

PRINCIPLES OF INSTRUMENTAL ANALYSIS has long been the standard for courses that deal with the principles and applications of modern analytical instruments. Now with their new Sixth Edition, authors Douglas A. Skoog, F. James Holler, and Stanley R. Crouch infuse their popular text with updated techniques as well as new Instrumental Analysis in Action case studies. The book's updated material enhances its proven approach, which places an emphasis on the theoretical basis of each type of instrument, its optimal area of application, its sensitivity, its precision, and its limitations. PRINCIPLES OF INSTRUMENTAL ANALYSIS also introduces students to elementary analog and digital electronics, computers, and treatment of analytical data. A book companion website is available, providing students with tutorials on instrumental methods, Excel files of data analysis and simulations of analytical techniques to help them visualize important concepts in this course, and selected papers from the chemical literature to stimulate interest and provide background information for study.

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Customer Reviews

Douglas A. Skoog was a professor of chemistry at Stanford University and the lead author of several best-selling texts during his career. He earned a B.S. in chemistry from Oregon State University and his Ph.D. in analytical chemistry from the University of Illinois. Dr. Skoog was the 1999 recipient of the American Chemical Society award in analytical chemistry, sponsored by the Fisher Scientific Company. That same year, he was named a fellow of the American Association for the Advancement of Science. In 1993, he received the ACS Division of Analytical Chemistry Award

for Excellence in Teaching. F. James Holler is professor emeritus of chemistry and recipient of the Alumni Association Great Teacher Award at the University of Kentucky. He received his Ph.D. from Michigan State University. In addition to his role as co-author of several bestselling texts, he is co-creator of the world-famous Periodic Table of Comic Books. Stanley R. Crouch is professor emeritus at Michigan State University. He received his undergraduate and M.S. degrees from Stanford University and his Ph.D. in analytical chemistry from the University of Illinois. He is the recipient of the 2001 American Chemical Society Division of Analytical Chemistry Award in Chemical Instrumentation and the 1996 ACS Division of Analytical Chemistry Award for Excellence in Teaching.

My review is for the International version of the 6th edition. The content of the book is good for the most part, but there are some strange things. Some of the problems are missing. For example, in one chapter question 5 is immediately followed by question 7. I checked another copy of the book and yeah, there is a question 6 and it's just plain missing. Also, 200 or so pages of my book are in the wrong place. The book jumps from Chapter 7 to Chapter 16, and the missing content comes a couple hundred pages later. I know "you get what you pay for" and I just couldn't afford the U.S. version but still, guys. Pretty ridiculous. Also ridiculous that non-U.S. students are expected to be okay with a poor-quality copy...I don't even care about the paper thinness, probably makes the book lighter and of course cheaper to print. The content should be the same though! I hope a Kindle version of this book comes out at some point. The cost of the U.S. version is astronomical!

I'm not a huge fan of the content of the book, it is difficult to understand and not very entertaining. But I needed it for school so I can not complain too much about the text. I did receive it in a very timely manner, which was extremely beneficial as I ordered it late. The pages feel like newspaper, so it isn't very durable. But the price is unbeatable!

I have to use this textbook for one of my classes, and I must say, it is horrible. The examples for problems in the book hardly give any explanation of what they are doing. The questions at the end of the chapter are very difficult and looking back at the chapter just makes the question even more confusing. I like to use textbooks when I do not understand what is going on in my class, but this one does not help at all! I think the only way you can understand this book is if you are already well educated in the course. Everytime I am assigned problems in the book, I cringe, because I know I am going to be spending hours being more confused than I have ever been in my life.

This is one of the few textbooks I've read that was written clearly enough to be easily understood. Most of the textbooks I've read were incredibly dense. This textbook is detailed and technical without being dense, so you can actually make sense of the material.

Same as the hardcover edition. May have some small differences in the exercises order but overall the same. Used for a senior level Instrumental Chemistry class.

Same as the American edition, only softcover.

Great book, just as described! It even got here earlier than estimated. I have seen similar books that look the same on the outside but flimsy and horrible ink and paper quality inside. Glad I purchased this book. Thank you!

This is the seminal work on analytical instrumentation that undergraduates have used for generations. Still one of the most accessible references out there.

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