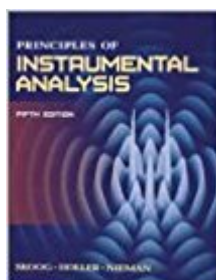


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Principles Of Instrumental Analysis, 5th Edition



Synopsis

This text is written for a course that deals with the principles and applications of modern analytical instruments. Emphasis is placed upon the theoretical basis of each type of instrument, its optimal area of application, its sensitivity, its precision, and its limitations. The text also introduces students to elementary integrated circuitry, microprocessors and computers, and treatment of analytical data.

Book Information

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Customer Reviews

Douglas A. Skoog (deceased) earned a B.S. in chemistry from Oregon State University and received his Ph.D. in analytical chemistry from the University of Illinois. The lead author of several best-selling texts, 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. He was a Professor of Chemistry at Stanford University. F. James Holler is a Professor 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 best-selling texts, he is co-creator of the world-famous Periodic Table of Comic Books.

I am a graduate student in Analytical Chemistry. This book has been a great resource when I need to look up a specific topic. I like the fact that it provides references to most topics. They are a great

starting point if you want to research that topic. Just look up the references, plug it into SciFinder and see who's been quoting it a lot and then look up his/her latest book or review article on the subject ;) Forget about this book if you want to use it as a textbook, unless you have a very good instructor who'll provide you with a good overview and pick'n'choose what parts of the book you need to be acquainted with. I don't think this book was written to be a self-contained, 'read-it-from-beginning' & 'i'll-take-your-hand-and-guide-you-through-the-subject' type of a book. So you can't blame it for what it's not meant to be. This is the type of a book you need to pick up with an established purpose or question in your mind. Then you'll consider it to be a valuable resource. If you pick it up just as a beginning student in the field, you'll absolutely hate it with a serious passion! If you use it as I suggest, it will take an honored place in your library. I have the deepest respect for authors of this book and am very thankful for providing me with such a strong tool in my career. Another great book I'd put in the same category is Spectrometric Identification of Organic Compounds by Robert M. Silverstein, Francis X. Webster, David Kiemle (6th edition)

Don't buy this book for fun. Buying it for a course?... well, it's not too bad. A mile wide and an inch deep, this is a 'survey' book through and through, which tells you what kind of course it is for. Working the example problems (and end-of-chapter problems) will give you a good handle on the material. Shame that the included answers are so minimal. Solutions must be bought elsewhere....

The book is different with the pic shows here, The book itself is really good tho.

I found this book to be very thorough and easy to understand. I recommend this book to chemist and future chemist--those who will be working with the various analytical technologies such as HPLC, IR, etc.

Love this book! Amazing supplement to Robinson's book for my Instrumental course.

not very useful in great detail. too complicated and too detailed.

Good book with good price and good service. The mailing service is good and quick. i am looking forward to a good study.

Excellent Book! Covers the issues very well.

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