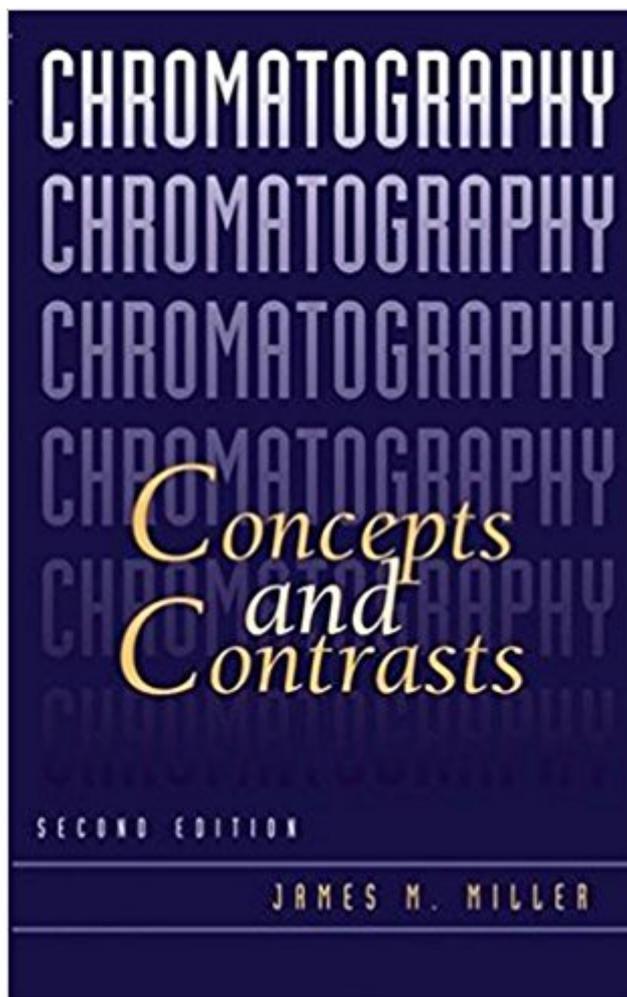


The book was found

Chromatography: Concepts And Contrasts



Synopsis

The first edition of *Chromatography: Concepts and Contrasts*, published in 1988, was one of the first books to discuss all the different types of chromatography under one cover. The second edition continues with these principles but has been updated to include new chapters on sampling and sample preparation, capillary electrophoresis and capillary electrochromatography (CEC), chromatography with mass spec detection, and industrial and governmental practices in regulated industries. Covers extraction, solid phase extraction (SPE), and solid phase microextraction (SPME), and introduces mass spectrometry Updated with the latest techniques in chromatography Discusses both liquid chromatography (LC) and gas chromatography (GC)

Book Information

Hardcover: 520 pages

Publisher: Wiley-Interscience; 2 edition (November 29, 2004)

Language: English

ISBN-10: 0471472077

ISBN-13: 978-0471472070

Product Dimensions: 6.5 x 1.2 x 9.4 inches

Shipping Weight: 1.9 pounds (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 stars [See all reviews](#) (3 customer reviews)

Best Sellers Rank: #1,045,216 in Books (See Top 100 in Books) #12 in [Books > Science & Math > Chemistry > Chromatography](#) #283 in [Books > Science & Math > Chemistry > Analytic](#) #1127 in [Books > Engineering & Transportation > Engineering > Bioengineering > Biochemistry](#)

Customer Reviews

This is an excellent book for those new to the field of chromatography and for those who would like a 'general' review of the theory and concepts. The mathematical concepts are a little watered down (compared to the Giddings text), but this one offers a fantastic practical approach, including: GC and LC instrumentation, columns, brief-but-to-the-point chapters on method development, CZE and CEC, sample prep., and an excellent chapter on special applications. I am a graduate student in chemistry, and after drudging through the endless equations in Giddings' book, Miller's text was a breath of fresh air. It offers a much more practical and understandable approach for the use of the equations during a real chemical separation for a novice chromatographer (and I'm sure as a great reference for an expert too!). Overall, I highly recommend this book-- it gives life to theory of separation science.

The text is readable, but tends to be somewhat repetitive in parts. There seems to be some sections that could be covered more in depth, but for a general overview of chromatography, this book seems to be decent enough. In the graduate course I'm taking, this text book is supplemented with journal articles to fill in some of the missing depth. This structure seems to work well.

I still use this book today after owning it for more than 2 years now. It was a really great buy.

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

Chromatography: Concepts and Contrasts CHROMATOGRAPHY OF ALKALOIDS, PART A, Volume 23A: THIN-LAYER CHROMATOGRAPHY (Journal of Chromatography Library) Gradient Elution in Column Liquid Chromatography: Theory and Practice (Journal of Chromatography Library) Concepts and Case Analysis in the Law of Contracts (Concepts and Insights) Chirelstein's Concepts and Case Analysis in the Law of Contracts, 7th (Concepts and Insights Series) Fundamental Nursing Skills and Concepts (Timby, Fundamnetal Nursing Skills and Concepts) Concepts and Case Analysis in the Law of Contracts, 6th (Concepts & Insights) Professional Nursing: Concepts & Challenges (Professional Nursing; Concepts and Challenges) Advancing Your Career: Concepts in Professional Nursing (Advancing Your Career: Concepts of Professional Nursing) Intermediate Algebra: Concepts & Applications (Bittinger Concepts & Applications) In-Fisherman Critical Concepts 1: Largemouth Bass Fundamentals Book (Critical Concepts (In-Fisherman)) Light Scattering, Size Exclusion Chromatography and Asymmetric Flow Field Flow Fractionation: Powerful Tools for the Characterization of Polymers, Proteins and Nanoparticles Handbook Of Size Exclusion Chromatography And Related Techniques: Revised And Expanded (Chromatographic Science Series) Chromatography and Separation Chemistry: Advances and Developments (ACS Symposium Series) Chromatography: Basic Principles, Sample Preparations and Related Methods Thin-Layer Chromatography, Revised And Expanded (Chromatographic Science (Hardcover)) High Performance Liquid Chromatography (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications) Dynamics of Chromatography: Principles and Theory (Chromatographic Science Series) (Pt. 1) Handbook of Process Chromatography: A Guide to Optimization, Scale Up, and Validation Static Headspace - Gas Chromatography: Theory and Practice

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)