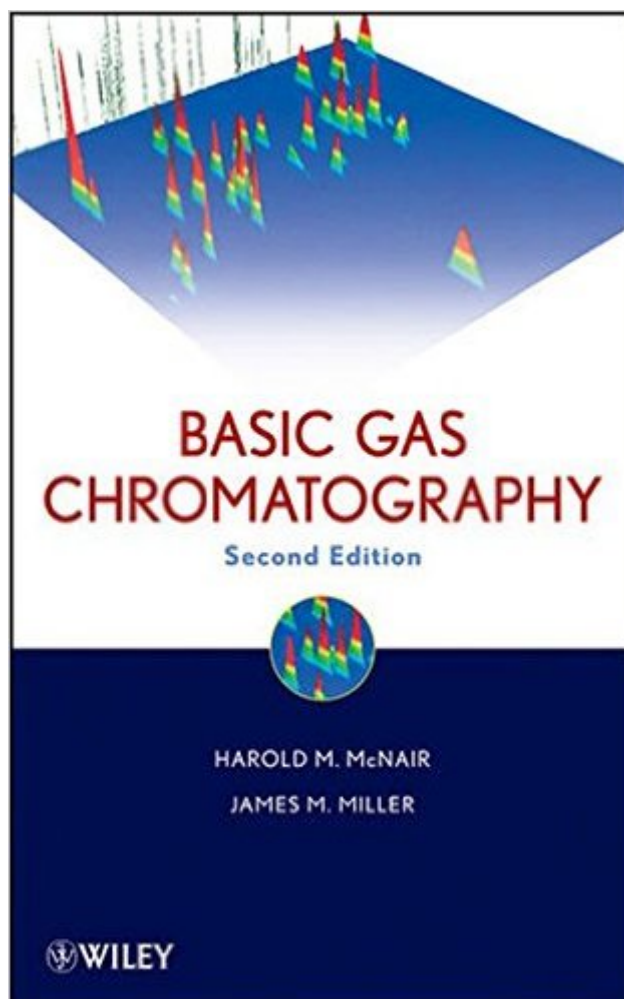


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Basic Gas Chromatography



Synopsis

The New Edition of the Well-Regarded Handbook on Gas Chromatography Since the publication of the highly successful first edition of Basic Gas Chromatography, the practice of chromatography has undergone several notable developments. Basic Gas Chromatography, Second Edition covers the latest in the field, giving readers the most up-to-date guide available, while maintaining the first edition's practical, applied approach to the subject and its accessibility to a wide range of readers. The text provides comprehensive coverage of basic topics in the field, such as stationary phases, packed columns and inlets, capillary columns and inlets, detectors, and qualitative and quantitative analysis. At the same time, the coverage also features key additions and updated topics including: Gas chromatography-mass spectrometry (GC-MS) Sampling methods Multidimensional gas chromatography Fast gas chromatography Gas chromatography analysis of nonvolatile compounds Inverse gas chromatography and pyrolysis gas chromatography Along with these new and updated topics, the references, resources, and Web sites in Basic Gas Chromatography have been revised to reflect the state of the field. Concise and fundamental in its coverage, Basic Gas Chromatography, Second Edition remains the standard handbook for everyone from undergraduates studying analytical chemistry to working industrial chemists.

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Customer Reviews

Great overview of Gas Chromatography, detectors, hardware, problems & fixes, data analysis, etc. Worth having as a desk reference and for planning to go into new areas with a GC. Hope to get the boss to buy it, rather than keep getting the library copy.

This is a great book for an analytical chemist wanting to learn about G.C. The first edition from McNair was easy to read and understand and this second edition follows in the same footsteps. McNair makes the basic concepts easy to understand and apply. The troubleshooting is also great for beginners.

A nicely written, easy to read, primer. It includes many tips and insights not covered in other textbooks. As in other books on the subject, there is a heavy bias towards the analysis of hydrocarbons, although reference is made to other materials such as essential oils. What I miss is an appendix with a couple of examples of analyses fully worked out, discussing the pros and cons of the decisions taken by the analyst regarding sample extraction and chromatographic analysis.

A very good reference for those who just start to learn gas chromatography. The book was written in a format that makes it easy to understand with more emphasis on the practical side rather than theoretical/mathematical treatment. After 40 years of intensive development, gas chromatography is still a very formidable technique.

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