

## Inside AOCS

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### Talks end on sale of headquarters

The American Oil Chemists' Society and the University of Illinois have discontinued discussions on possible acquisition of the AOCS Headquarters building in Champaign, Illinois, by the university.

The university had expressed interest earlier this year in acquiring the structure. If an agreement had been reached, AOCS would have had the option of buying an existing building or constructing a new headquarters elsewhere in the community.

## Publications

### Book Reviews

**Instrumental Liquid Chromatography, A Practical Manual, 2nd Edition**, by N. A. Parris (Elsevier Scientific Publishing Co., PO Box 211, 1000 AE, Amsterdam, The Netherlands, or Elsevier Press, 52 Vanderbilt Ave., New York, NY 10017, 1984, 432 pp., \$86.50).

This book is described as "A practical manual on high performance liquid chromatographic methods." It does accomplish this as practical considerations and discussion of problems and their solutions are included throughout the book. The first section of the book (132 pages) is devoted to fundamentals and instrumentation: the column, instrumentation, detection systems and automation. The second section is devoted to factors influencing chromatographic selectivity. In this section the mobile phase, liquid-solid, liquid-liquid, bonded phase, ion exchange and ion pair, as well as steric exclusion chromatography, are covered in considerable detail. This section contains many of the author's suggestions for improving separations and should be of considerable value to persons developing separation methodology. The third section of the book is devoted to the uses of liquid chromatographic procedures such as qualitative and quantitative analysis, practical aspects of trace analysis and practical aspects of preparative liquid chromatography. The remainder of the book deals with applications in various fields of analysis, such as foods, pharmaceuticals and drugs. Five appendices are included, covering useful information on suppliers, solvent selection and detector testing. The figures are well done. The table of contents is of sufficient detail to allow one to find particular items in the book. The index is comprehensive. All in all, the book is fairly readable. It is purposely light on the theoretical side, but as the author rightly infers, the average reader is looking for results and is less interested in theory. The information presented in this book should assist the chemist in obtaining such results. It will be of good use on laboratory shelves near the chromatograph for ready reference.

E. G. Perkins

**Practical Aspects of Gas Chromatography-Mass Spectrometry**, by Gordon M. Message (John Wiley & Sons, 605 Third Ave., New York, NY, 1984, 351 pp., \$59.95).

This book is indeed a practical exposition of the ins and outs of a GC-MS instrumentation system. It concerns primarily systems manufactured by Finnigan and is, thereby, somewhat restricted. However, readers will find a wealth of material in this book that they can use even if they use some other brand of mass spectrometer, for many of the problems are similar. The book is written in a conversational or non-formal way that is quite readable. It is divided into four main parts: GC/MS systems and components, Routine GC/MS operation techniques and procedures, GC/MS troubleshooting, and a short fourth section concerning choosing a GC/MS system. The photographs and figures used are clear and sufficient to illustrate the points made. The table of contents and the index are in good detail so that individual topics are easy to find. I can recommend this book to less experienced persons involved with GC/MS systems and to others who need to know more detail concerning this versatile combination instrument.

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### New Publications

**Handbook of the Elements**, by R. Wilmont, Open Court Publishing Co., Box 599, LaSalle, IL 61301 USA, 1985, 128 pp., paperback, \$9.95.

**The Book of Tempeh**, revised edition, by W. Shurtleff and A. Aoyagi, Harper & Row, 10 E. 53rd St., New York, NY 10022 USA, 1985, 176 pp., softbound, \$10.95; also may be ordered from The Soyfoods Center, PO Box 234, Lafayette, CA 94549 (please add \$1 book rate postage, \$5 first class postage).

**Designs of Distillation Column Control Systems**, by Page S. Buckley, William L. Luyben and Joseph P. Shunta, Instrument Society of America Publications Depart-

## Publications

ment, ISA, Box 12277, 67 Alexander Dr., Research Triangle Park, NC 27709, 1985, 566 pp., \$39.95 ISA members, \$49.95 non-members.

**Natural Products Chemistry 1984**, edited by R. I. Zelewski and J. J. Skolik, Elsevier Science Publishers, PO Box 211, 1000 AE Amsterdam, The Netherlands, or Elsevier Science Publishing Co., PO Box 1663, Grand Central Station, New York, NY 10163, 1985, 686 pp., US \$142.50, Dfl. 385.00.

**The Leukotrienes: Chemistry and Biology**, edited by Lawrence W. Chakrin and Denis M. Bailey, Academic Press Inc., Orlando, FL 32887, 1984, 308 pp., \$52.

**School Foodservice, 3rd Edition**, by Dorothy VanEgmond-Pannell, AVI Publishing Co., PO Box 831, Westport, CT 06881, 1985, 440 pp., \$32.50.

**Process Instruments and Controls Handbook, 3rd Edition**, edited by Douglas M. Considine, McGraw-Hill Book Co., 1221 Avenue of the Americas, New York, NY 10020, 1985, 1593 pp., \$89.50.

**Computer Integrated Manufacturing and Flexible Manufacturing Systems**, American Production and Inventory Control Society 1985 Spring Seminar Proceedings, APICS Publications Order Dept. B, 500 W. Annandale Rd., Falls Church, VA 22046, 1985, 346 pp., \$20.

**Advances in Luminescence Research (ASTM Special Technical Publication 863)**, American Society for Testing and Materials, ASTM Customer Service Dept., 1916 Race St., Philadelphia, PA 19103, 1985, 129 pp., \$20.80 ASTM

members, \$26.00 non-members.

**Surfactants in Cosmetics, Surfactant Science Series Vol. 16**, edited by Martin M. Rieger, Marcel Dekker Inc., 270 Madison Ave., New York, NY 10016, 1985, 504 pp., \$89 U.S. and Canada, \$106.50 elsewhere.

**Techniques and Applications of Thin Layer Chromatography**, edited by Joseph C. Touchstone and Joseph Sherma, John Wiley & Sons Inc., 605 Third Ave., New York, NY 10158, 1985, 395 pp., \$70.

**Oxygen Radicals in Chemistry and Biology (Proceedings, Third International Conference)**, edited by Wolf Bors, Manfred Saran and David Tait, Walter de Gruyter & Co., 1000 Berlin 11, West Germany, 1984, 1029 pp., DM 250, approximately US \$114.

**Mass Spectrometry, Vol. 7**, edited by R.A.W. Johnstone, The Royal Society of Chemistry, distributed by Heyden & Son Inc., 247 S. 41st St., Philadelphia, PA 19104, 1985, 440 pp., \$92.

**Quality Assurance Principles for Analytical Laboratories**, by Frederick M. Garfield, Association of Official Analytical Chemists, 1111 N. 19th St., Dept. 1, Arlington, VA 22209, 1984, 224 pp., \$41.25 AOAC members in U.S., \$44.25 AOAC members elsewhere; nonmembers \$45.50 in U.S., \$48.50 elsewhere.

**Diet-Related Diseases: The Modern Epidemic**, by Stephen Seely, David L.J. Freed, Gerald A. Silverstone and Vicky Rippere, AVI Publishing Co., PO Box 831, Westport, CT 06881, 1985, 227 pp., \$35.

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