

10016, 1981, 260 pp., \$19.95).

As the title of this book indicates, this guide to Pascal is directed to the scientists (the author is himself a chemist) who view programming largely as a "means to an end." After a three-page introductory chapter, one is immediately introduced to a simple readable Pascal Program for adding numbers. As with other programs throughout the book, "Program Summer" is revised and grows as new concepts, statements, and operations are learned. The reader progresses through these illustrative programs to sophisticated examples of matrix diagonalization and inverse or simplex optimization and Fourier transform—all new and usable programs. Those trained in Fortran will find many similarities, particularly in beginning chapters, but the power of Pascal becomes apparent as programs proceed from "number crunching," which Fortran was admirably designed to perform, to handling of character strings and Boolean algebra. For the busy scientist needing a practical introduction to this fast-growing Pascal language, this recently published book is recommended.

Herbert J. Dutton  
The Hormel Institute  
Austin, MN

## New publications

**Environmental Risk Analysis for Chemicals**, edited by Richard A. Conway, Van Nostrand Reinhold Co., 135 W. 50th St., New York, NY 10020, 1982, 558 pp., \$37.50.

**NNI Compendium of Chemical and Physico-Chemical Test Methods Compiled from the International Standards of the International Organization for Standardization (ISO)**, compiled by Nederlands Normalisatie-instituut, 1980. Available from American National Standards Institute, 1430 Broadway, New York, NY 10018, \$27.

**Vegetable Oils for Energy Purposes: Selective Bibliography**, compiled by Núcleo de Comunicação Social/S71, SAS-Quadra 2-Lotes 01/03, 70.070—Brasília/DF, 1981, 402 pp.

**Physical Properties of Food and Agricultural Materials: A Teaching Manual**, by Nuri N. Mohsenin, Gordon and Breach Science Publishers Inc., One Park Ave., New York, NY 10016, 1981, 147 pp., \$25.

**Biological Aspects on Long Chain Fatty Acids in Fish Oil and Other Fats**, edited by Reinhard Marcuse, published by Scandinavian Forum for Lipid Research and Technology, c/o SIK, Box 27022, S-400 23 Göteborg, Sweden. Proceedings of a Lipidforum Seminar in Oslo, October 20-21, 1980.

**Poly (N-Vinylcarbazole)**, Polymer Monographs, Volume 6, by J.M. Pearson and M. Stolka, Gordon and Breach Science Publishers Inc., One Park Ave., New York, NY 10016, 1981, 170 pp., \$52.

**Catalysis and Chemical Processes**, edited by Ronald Pearce and William R. Patterson, Halsted Press, a division of John Wiley & Sons Inc., 605 Third Ave., New York, NY 10158, 1981, 348 pp., \$69.95.

**Tall Oil**, compiled and edited by John Drew and Marshall Propst, Pulp Chemicals Assn., 60 E. 42nd St., New York, NY 10165, 1981, 199 pp., \$25.

**Electron Capture: Theory and Practice in Chromatography**, edited by A. Zlatkis and C.F. Poole, Elsevier Scientific Publishing Co., 52 Vanderbilt Ave., New York, NY 10017, 1981, 428 pp., \$76.50.

**Proceedings, International Association of Seed Crushers 1981 Meeting**, 128 pp. Order L17 from International Association of Seed Crushers, 8 Salisbury Square, London EC4P 4AN, England.

**Oilseeds, Oils and Fats**, Third edition of the International Association of Seed Crushers' booklet on sampling and analysis. Order L15 from The Secretary, IASC, PO Box 31, Salisbury Square, London EC4P 4AN, England. Includes listing of associations and institutions involved in quality methodology, sampling methods, analytical methods and illustrations of typical sampling instruments. □

## Latest in *Lipids*

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