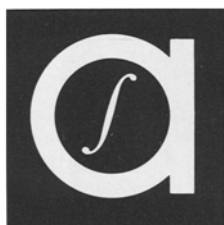


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discussions of the principles involved in the various processes will be helpful to food chemists, microbiologists, and engineers alike in approaching problems where flavor, nutritive value, and microbiological safety factors must be balanced against production costs. The chapter on water activity in foods provides a basic introduction to this relatively new and important means of studying the chemical and enzymatic changes inherent in low and intermediate moisture foods.

The final section of the book covers protective packaging of foods. The major types of materials used in packaging are examined in terms of liquid and gas permeability and the effects of such factors as mechanical damage, temperature, and biological agents on container and food integrity.

The book as a whole is well illustrated, with useful examples of the principles being described. Pertinent literature references can be found throughout the book which will be helpful for those who wish to pursue the topics in more detail.

This book was written primarily for those who may be directly involved with the different aspects of food preservation. However, the wealth of general information presented makes it a good survey book for anyone who is interested in the food industry and some of the most important processes utilized in the industry.

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 Camden, NJ 08101

New Publications



Part 31 of the 1976 Annual Book of ASTM Standards on Water, ASTM, 1916 Race St., Philadelphia, PA 19103, 976 pages, 1976, \$31.00.

Les Aspects Lipochimiques De L'Industrie Des Revêtements (Lipochemical Aspects of the Coatings Industry), J.P. Helme, L. Petit, and G. Bosshard, Editions Techniques Des Industries De Corps Gras, 5 Bd de Latour Maubourg 75007, Paris, France, 1976, 175 French francs + postage and handling.

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Computers and Chemistry (a new international journal), Edited by De Los F. DeTar, Pergamon Press, Oxford, England, 1976, \$60.00 annual subscription.

Biomedical Sciences Instrumentation, Vol. 12, Instrument Society of America, 400 Stanwix St., Pittsburgh, PA 15222, 1976, 140 pages, \$15.00, softbound.

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French-English Science and Technology Dictionary, 4th Edition, Louis DeVries and Stanley Hochman, McGraw-Hill Book Co., 1221 Avenue of the Americas, New York, NY 10020, 684 pages, 1976, \$13.50.