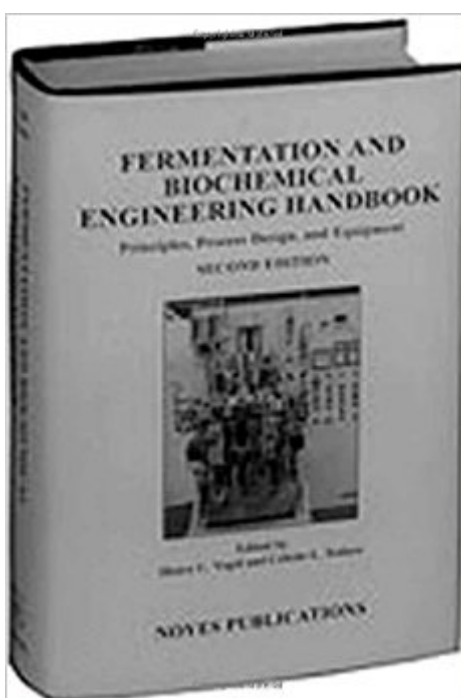


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Fermentation And Biochemical Engineering Handbook, Second Edition: Principles, Process Design And Equipment



Synopsis

This is a well-rounded handbook of fermentation and biochemical engineering presenting techniques for the commercial production of chemicals and pharmaceuticals via fermentation. Emphasis is given to unit operations fermentation, separation, purification, and recovery. Principles, process design, and equipment are detailed. Environment aspects are covered. The practical aspects of development, design, and operation are stressed. Theory is included to provide the necessary insight for a particular operation. Problems addressed are the collection of pilot data, choice of scale-up parameters, selection of the right piece of equipment, pinpointing of likely trouble spots, and methods of troubleshooting. The text, written from a practical and operating viewpoint, will assist development, design, engineering and production personnel in the fermentation industry. Contributors were selected based on their industrial background and orientation. The book is illustrated with numerous figures, photographs and schematic diagrams.

Book Information

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Henry C. Vogel is presently a consultant. Previously, he was Assistant Director of the Task Force for Modernization at Merck & Co., Inc.; Manager of the Process Engineering Department at GAF; and Senior Staff Engineer at Davy McKee Corporation. A graduate of MIT and Columbia University, he was Chairman of the North Jersey section of AIChE in 1980, and Cochairman of the AIChE North Jersey-New Jersey Lecture Series on Fermentation in 1976, 1977, and 1978. Celeste L. Todaro is Vice President of Heinkel Filtering Systems, Inc., Bridgeport, New Jersey. A graduate of the Polytechnic Institute of New York, she has also held positions at Wyssmont Company, Inc., and

Frederick Grumm Chemical Company.

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