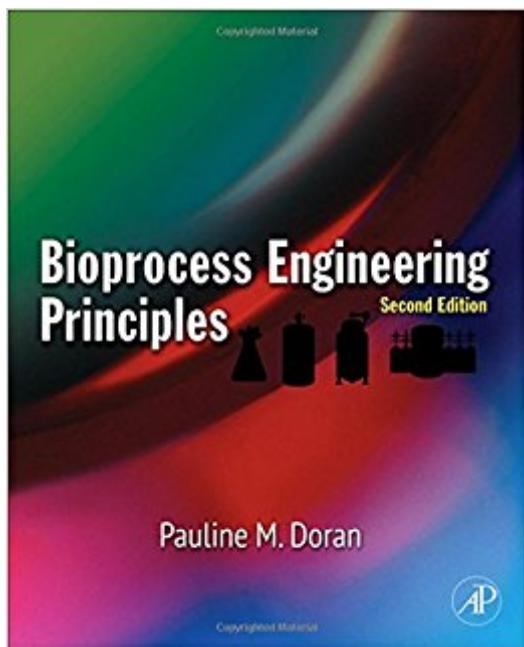


The book was found

# Bioprocess Engineering Principles, Second Edition



## Synopsis

This welcome new edition discusses bioprocess engineering from the perspective of biology students. It includes a great deal of new material and has been extensively revised and expanded. These updates strengthen the book and maintain its position as the book of choice for senior undergraduates and graduates seeking to move from biochemistry/microbiology/molecular biology to bioprocess engineering. All chapters thoroughly revised for current developments, with over 200 pgs of new material, including significant new content in: Metabolic Engineering, Sustainable Bioprocessing, Membrane Filtration, Turbulence and Impeller Design, Downstream Processing, Oxygen Transfer Systems. Over 150 new problems and worked examples. More than 100 new illustrations.

## Book Information

Paperback: 926 pages

Publisher: Academic Press; 2 edition (May 30, 2012)

Language: English

ISBN-10: 012220851X

ISBN-13: 978-0122208515

Product Dimensions: 7.5 x 1.8 x 9.2 inches

Shipping Weight: 3.7 pounds (View shipping rates and policies)

Average Customer Review: 4.1 out of 5 stars 5 customer reviews

Best Sellers Rank: #130,767 in Books (See Top 100 in Books) #23 in Books > Science & Math > Biological Sciences > Biophysics #36 in Books > Engineering & Transportation > Engineering > Bioengineering > Biomedical Engineering #75 in Books > Textbooks > Engineering > Chemical Engineering

## Customer Reviews

"Doran (Swinburne U. of Technology, Australia) revises her 1995 graduate and undergraduate textbook for students of molecular biology, biotechnology, and related disciplines who have little or no engineering background but want to become familiar with the processes by which biological discoveries are transformed into commercial products. Her emphasis is on the underlying scientific and engineering principles rather than on specific biotechnology applications, she says, so most of the material in the first edition remains relevant. There have been some significant developments, however, and she includes new sections on sustainable bioprocessing and metabolic engineering. Overall, she covers introductory matters, material and energy balances, physical processes, and

reactions and reactors." --Reference and Research Book News, October 2012

By Pauline M. Doran

This is a good book it was required for one of my courses but does a good job of explaining concepts. However it is very technical, cold and dry so if you need something else to learn with this is not the book for yoU!

It 's great.

I love it!!

Great book. Info is not only easy to find, but plentiful. I recommend it to anyone going into biological engineering.

I bought the kindle version. Do not make the same mistake. Equations don't show properly, tables are too small, book index is a pain. Simply: don't do this to yourself.

[Download to continue reading...](#)

Bioprocess Engineering Principles, Second Edition Bioprocess Engineering: Basic Concepts (3rd Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) Bioprocess Engineering Principles Bioprocess Engineering: Basic Concepts (2nd Edition) Biomedical Engineering Principles Of The Bionic Man (Series on Bioengineering & Biomedical Engineering) (Bioengineering & Biomedical Engineering (Paperback)) G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series) [Hardcover])(2008) Basic Principles and Calculations in Chemical Engineering (8th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) Gravity Sanitary Sewer Design and Construction (ASCE Manuals and Reports on Engineering Practice No. 60) (Asce Manuals and Reports on Engineering ... Manual and Reports on Engineering Practice) Earthquake Engineering: From Engineering Seismology to Performance-Based Engineering Introduction to Coastal Engineering and Management (Advanced Series on Ocean Engineering) (Advanced Series on Ocean Engineering (Paperback)) Tissue Engineering II: Basics of Tissue Engineering and Tissue Applications (Advances in Biochemical Engineering/Biotechnology) Tissue Engineering I: Scaffold Systems for Tissue Engineering (Advances in Biochemical Engineering/Biotechnology) (v. 1)

Engineering Fundamentals: An Introduction to Engineering (Activate Learning with these NEW titles from Engineering!) Introduction to Engineering Design Book 9, Second Edition Engineering Skills and Hovercraft Missions Orbital Mechanics for Engineering Students, Second Edition (Aerospace Engineering) Elements of Polymer Science & Engineering, Second Edition: An Introductory Text and Reference for Engineers and Chemists (The Elements of Polymer Science and Engineering) Geotechnical Earthquake Engineering, Second Edition (Mechanical Engineering) Wind Energy Engineering, Second Edition (Mechanical Engineering) Coatings Tribology, Volume 56, Second Edition: Properties, Mechanisms, Techniques and Applications in Surface Engineering (Tribology and Interface Engineering) Principles of Foundation Engineering (Activate Learning with these NEW titles from Engineering!)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)