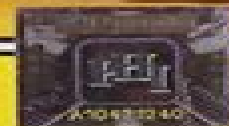


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Basic Concepts

Second Edition



Michael L. Shuler
Fikret Kargi



Shuler Kargi Bioprocess Engineering

Coleman Brosilow, Babu Joseph



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Essentials of Chemical Reaction Engineering H. Scott Fogler,2011 Accompanying DVD ROM contains many realistic interactive simulations

Neural Networks in Bioprocessing and Chemical Engineering D. R. Baughman,Y. A. Liu,1995 Neural networks have received a great deal of attention among scientists and engineers In chemical engineering neural computing has moved from pioneering projects toward mainstream industrial applications This book introduces the fundamental principles of neural computing and is the first to focus on its practical applications in bioprocessing and chemical engineering Examples problems and 10 detailed case studies demonstrate how to develop train and apply neural networks A disk containing input data files for all illustrative examples case studies and practice problems provides the opportunity for hands on experience An important goal of the book is to help the student or practitioner learn and implement neural networks quickly and inexpensively using commercially available PC based software tools Detailed network specifications and training procedures are included for all neural network examples discussed in the book

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