



# Numerical Techniques for Chemical and Biological Engineers Using MATLAB®: A Simple Bifurcation Approach

*Said S.E.H. Elnashaie, Frank Uhlig*

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## **Numerical Techniques for Chemical and Biological Engineers Using MATLAB®: A Simple Bifurcation Approach** Said S.E.H. Elnashaie, Frank Uhlig

This interdisciplinary book presents numerical techniques needed for chemical and biological engineers using Matlab. The book begins by exploring general cases, and moves on to specific ones. The text includes a large number of detailed illustrations, exercises and industrial examples. The book provides detailed mathematics and engineering background in the appendixes, including an introduction to Matlab. The text will be useful to undergraduate students in chemical/biological engineering, and in applied mathematics and numerical analysis.

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