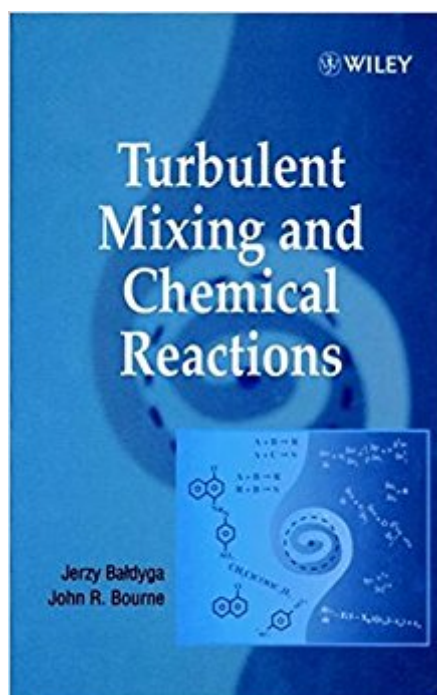


The book was found

Turbulent Mixing And Chemical Reactions



Synopsis

Turbulent Mixing and Chemical Reactions Jerzy Bałdyga, Warsaw University of Technology, Poland John R. Bourne, Visiting Professor, University of Birmingham, UK and Emeritus Professor, ETH Zurich, Switzerland The way in which reagents are mixed can greatly influence the yield and range of products formed by fast, multiple chemical reactions. Understanding this phenomenon enables chemists to carry out reactions more selectively, make better use of raw materials and simplify product workup and separation. Turbulent Mixing and Chemical Reactions presents a balanced treatment of the connection between mixing and reaction. It contains theoretical aspects, experimental methods and expected results as well as worked examples to illustrate problem solving. This book will be of interest to all scientists involved in chemical engineering, physical chemistry, and synthetic chemists in the fine chemical and pharmaceuticals industry.

Book Information

Hardcover: 890 pages

Publisher: Wiley; 1 edition (February 24, 1999)

Language: English

ISBN-10: 0471981710

ISBN-13: 978-0471981718

Product Dimensions: 6.5 x 2.1 x 9.3 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,575,313 in Books (See Top 100 in Books) #22 in Books > Science & Math > Chemistry > Organic > Reactions #1052 in Books > Science & Math > Chemistry > Industrial & Technical #1578 in Books > Textbooks > Engineering > Chemical Engineering

Customer Reviews

"Bridging the gap between advances in the field of turbulence and methods used in chemical reaction engineering, this book brings together material that has been published in numerous journals." (La Doc Sti, Vol. 368, December 1998)

Turbulent Mixing and Chemical Reactions Jerzy Bałdyga, Warsaw University of Technology, Poland John R. Bourne, Visiting Professor, University of Birmingham, UK and Emeritus Professor, ETH Zurich, Switzerland The way in which reagents are mixed can greatly influence the yield and range of products formed by fast, multiple chemical reactions. Understanding this phenomenon

enables chemists to carry out reactions more selectively, make better use of raw materials and simplify product workup and separation. Turbulent Mixing and Chemical Reactions presents a balanced treatment of the connection between mixing and reaction. It contains theoretical aspects, experimental methods and expected results as well as worked examples to illustrate problem solving. This book will be of interest to all scientists involved in chemical engineering, physical chemistry, and synthetic chemists in the fine chemical and pharmaceuticals industry.

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

Turbulent Mixing and Chemical Reactions
Color Mixing Bible: All You'll Ever Need to Know About
Mixing Pigments in Oil, Acrylic, Watercolor, Gouache, Soft Pastel, Pencil, and Ink
Color Mixing Recipes for Landscapes: Mixing recipes for more than 500 color combinations
Color Mixing Recipes for Oil & Acrylic: Mixing recipes for more than 450 color combinations
Chemical Reactions and Chemical Reactors
Explosive Reactions Lab Kit (Mad Science Explosive Reactions Lab Kit)
Dynamics of Molecules and Chemical Reactions
The Dynamic World of Chemical Reactions with Max Axiom, Super Scientist (Graphic Science)
Balancing Chemical Equations Worksheets (Over 200 Reactions to Balance): Chemistry Essentials Practice Workbook with Answers
Chemical Reactions: Investigating an Industrial Accident (Anatomy of an Investigation)
Healing Severe Chemical and EMF Sensitivity: Our Breakthrough Cure for Multiple Chemical Sensitivities (MCS) and Electro-hypersensitivity (EHS)
Basic Principles and Calculations in Chemical Engineering (8th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences)
Fundamental Concepts and Computations in Chemical Engineering (Prentice Hall International Series in the Physical and Chemical Engineering Sciences)
Analysis, Synthesis and Design of Chemical Processes (4th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences)
Fundamentals of Chemical Engineering Thermodynamics (Prentice Hall International Series in the Physical and Chemical Engineering Sciences)
Solvent Effects and Chemical Reactivity (Understanding Chemical Reactivity)
Chemical Oscillations and Instabilities: Non-linear Chemical Kinetics (International Series of Monographs on Chemistry)
Elements of Chemical Reaction Engineering (5th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences)
Essentials of Chemical Reaction Engineering (Prentice Hall International Series in Physical and Chemical Engineering)
Chemical Process Safety: Fundamentals with Applications (3rd Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)