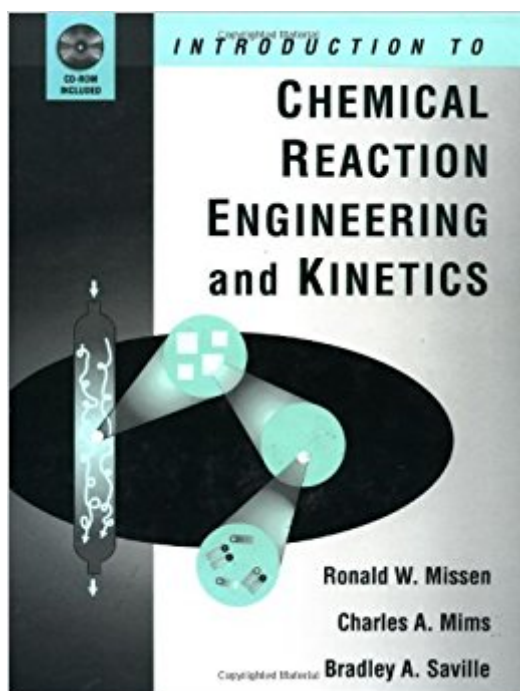


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# Introduction To Chemical Reaction Engineering And Kinetics



## Synopsis

Solving problems in chemical reaction engineering and kinetics is now easier than ever! As students read through this text, they'll find a comprehensive, introductory treatment of reactors for single-phase and multiphase systems that exposes them to a broad range of reactors and key design features. They'll gain valuable insight on reaction kinetics in relation to chemical reactor design. They will also utilize a special software package that helps them quickly solve systems of algebraic and differential equations, and perform parameter estimation, which gives them more time for analysis. Key Features Thorough coverage is provided on the relevant principles of kinetics in order to develop better designs of chemical reactors. E-Z Solve software, on CD-ROM, is included with the text. By utilizing this software, students can have more time to focus on the development of design models and on the interpretation of calculated results. The software also facilitates exploration and discussion of realistic, industrial design problems. More than 500 worked examples and end-of-chapter problems are included to help students learn how to apply the theory to solve design problems. A web site, [www.wiley.com/college/misssen](http://www.wiley.com/college/misssen), provides additional resources including sample files, demonstrations, and a description of the E-Z Solve software.

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I used this book in my undergrad Reactor design course. It was a new book to the department, one that the professor had read but hadn't used for an engineering class. Everyone in the classes before

us had worshipped Fogler but the prof decided to give this a try, I think he was friends with the authors. The book has the content you need, I just wasn't impressed with the layout. Sure the equation proofs were explained and displayed well, but the examples were a jumbled mess mixed up with the text. The software that comes with it is great, but it makes you lazy.

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