



Nicolaes Witsen and Shipbuilding in the Dutch Golden Age (Ed Rachal Foundation Nautical Archaeology Series)

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Texas A&M University Press, 2012. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: 1. Mole Balances. 2. Conversion and Reactor Sizing. 3. Rate Laws and Stoichiometry. 4. Isothermal Reactor Design. 5. Collection and Analysis of Rate Data. 6. Multiple Reactions. 7. Nonelementary Reaction Kinetics. 8. Steady-State Nonisothermal Reactor Design. 9. Unsteady-State Nonisothermal Reactor Design. 10. Catalysis and Catalytic Reactors. 11. External Diffusion Effects on Heterogeneous Reactions. 12. Diffusion and Reaction in Porous Catalysts. 13. Distributions of Residence Times for Chemical Reactors. 14. Models for Nonideal Reactors. Appendix A. Numerical Techniques. Appendix B. Ideal Gas Constant and Conversion Factors. Appendix C. Thermodynamic Relationships Involving the Equilibrium Constant. Appendix D. Measurement of Slopes on Semilog Paper. Appendix E. Software Packages. Appendix F. Nomenclature. Appendix G. Molecular Dynamics of Chemical Reactions. Appendix H. Open-Ended Problems. Appendix I. How to Use the CD-ROM. Appendix J. Use of Computational Chemistry Software Packages.



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