

## Applied mathematics

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### Abstrak

"Now in a thoroughly updated and revised fourth edition, this volume features new concepts and applications to assist readers in modeling and analyzing natural, social, and technological processes. It introduces key ideas in mathematical methods and modeling, focusing on the connections between mathematics and the applied and natural sciences. This edition emphasizes probability and stochastic differential equations and includes additional coverage of mathematics biology, including biochemical kinetics, epidemiology, viral dynamics, parasitic diseases, and more. New and revised exercises are incorporated throughout"--