

## Mathematical Modelling With Case Studies A Differential Equations Approach Using Maple

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These case studies guide advanced undergraduates, beginning grad-uate students, and researchers along several such paths. Students who have worked to build mathematical skills will able to set sail in quest of important problems. The goal is to initiate them into both the diversity of approaches to mathematical biology and the breadth of the field.

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Mathematical Modelling with Case Studies: Using Maple and MATLAB, Third Edition (Textbooks in Mathematics) B. Barnes. 4.4 out of 5 stars 12. Hardcover. \$57.23. Only 10 left in stock - order soon. A Course in Mathematical Modeling (Mathematical Association of America Textbooks) Douglas D. Mooney.

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### Applied Mathematical Modelling - Journal - Elsevier

This paper presents a case study carried out at an elementary school that led to a characterization of mathematical modeling projects aimed at generating social impact. It shows their potential as generators of mathematical learning opportunities. In the school project, upper-grade students (sixth grade, 11-year-olds) studied the way in which the rest of the students at the institution ...

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