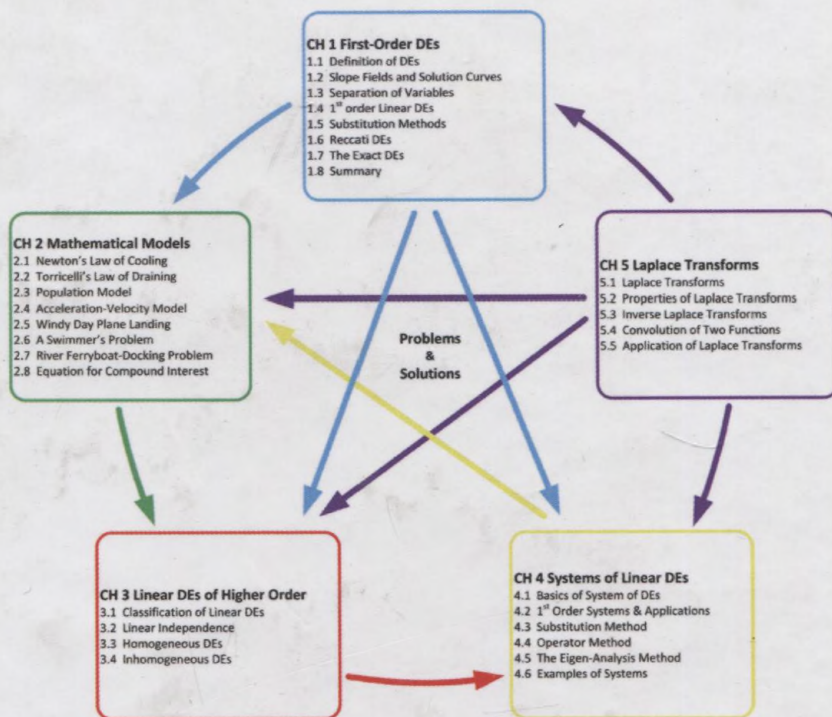




Lectures, Problems and Solutions for Ordinary Differential Equations

Review of the First Edition:

"A winning feature of the text is, obviously, a nice selection of problems, many of which feature applications in natural sciences and engineering. The book can be warmly recommended as a good source of problems both for the lecturer and for the students' independent study."

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This unique book on ordinary differential equations addresses practical issues of composing and solving differential equations by demonstrating the detailed solutions of more than 1,000 examples. The initial draft of this book was used to teach more than 10,000 advanced undergraduate students in engineering, physics, economics, as well as applied mathematics. It is a good source for students to learn problem-solving skills and for educators to find problems for homework assignments and tests. This new edition, with at least 100 more examples and five added subsections, has been restructured to flow more pedagogically.

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