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Methods and Examples

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are presented in the context
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to students that the easiest,
most concise and least
ambiguous way to express and
describe phenomena in
physics is by using the
language of mathematics and
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total amount of mathematics required is neither large nor particularly demanding. 'Modern physics' topics (relativity and quantum mechanics) are introduced at an earlier stage than is usually found in introductory

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textbooks and are integrated with the more 'classical' material from which they have evolved. This book encourages students to develop an intuition for relativistic and quantum concepts at as early

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