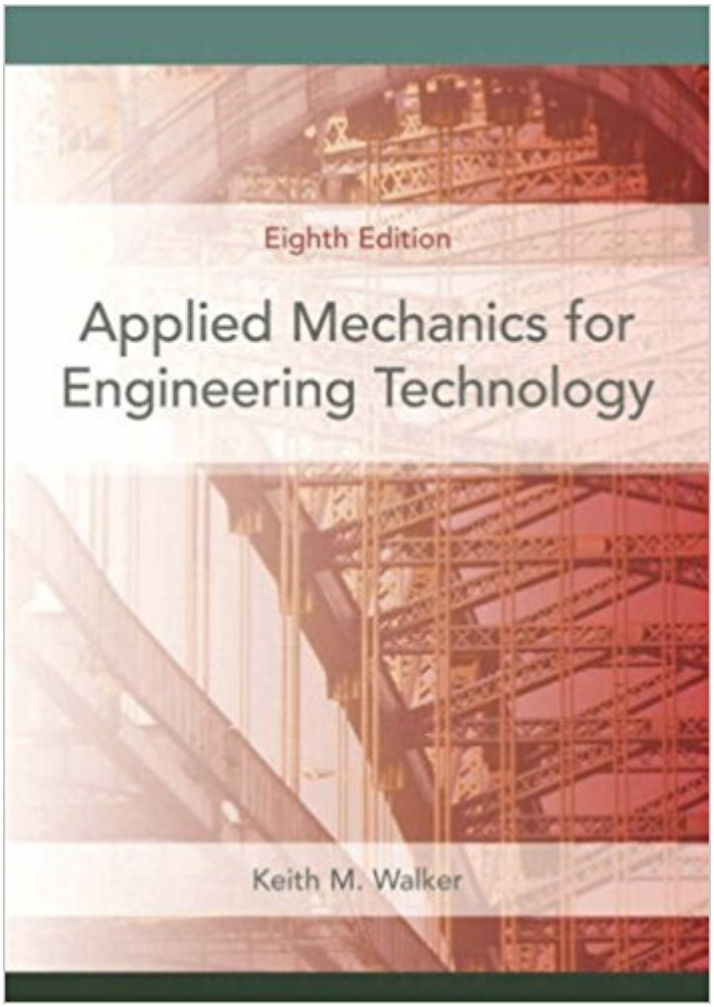
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Applied Mechanics For Engineering Technology (8th Edition)



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Synopsis

Featuring a non-calculus approach, this introduction to applied mechanicsÃ Â book combines a straightforward, readable foundation in underlying physics principles with a consistent method of problem solving. It presents the physics principles in small elementary steps; keeps the mathematics at a reasonable level; provides an abundance of worked examples; and features problems that are as practical as possible without becoming too involved with many extraneous details. This edition features 7% more problems, an enhanced layout and design and a logical, disciplined approach that givesÃ Â readers a sound background in core statics and dynamics competencies.Ã Â The volume addresses forces, vectors, and resultants, moments and couples, equilibrium, structures and members, three-dimensional equilibrium, friction, centroids and center of gravity, moment of inertia, kinematics, kinetics, work, energy, and power and impulse and momentum.Ã Â For those interested in an introduction to applied mechanics.

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Featuring a non-calculus approach, this introduction to applied mechanicsÃ Â book combines a straightforward, readable foundation in underlying physics principles with a consistent method of

problem solving. It presents the physics principles in small elementary steps; keeps the mathematics at a reasonable level; provides an abundance of worked examples; and features problems that are as practical as possiblewithoutbecoming too involved with many extraneous details. This edition features 7% more problems, an enhanced layout and design and a logical, disciplined approach that givesÃ Â readers a sound background in core statics and dynamics competencies.Ã Â The volume addresses forces, vectors, and resultants, moments and couples, equilibrium, structures and members, three-dimensional equilibrium, friction, centroids and center of gravity, moment of inertia, kinematics, kinetics, work, energy, and power and impulse and momentum.Ã Â For those interested in an introduction to applied mechanics.

Books don’t get published in eight editions without having something special to offer. This book offers a precise, step by step, approach to solving engineering problems. Once studied and understood, this approach provides the knowledge necessary to master problem solving within the context of the book. There are many examples worked through in the detail described above together with many sample problems with answers provided. The international version includes both MKS and Imperial units.

This book is chalked full of errors. From the examples that skip critical steps to the answers in the back of the book being completely wrong. Also beware of the very poorly worded questions that will be inflicted on you. Its clear that they just needed to crank out another edition due to the poor technical editing and shoddy explanations.If you need this book for a class, my sympathies, I hope you have a good professor because this book is not worth the paper its printed on.

great book

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exactly as described, only had one typo that I discovered, but every book has at least one typo somewhere

The book is very explanative.To complete the Applied Problems is very challenging without an instructors lecture to supplement. Following the example problems may only get you so far. A reader will need to attend class and take notes, otherwise they will be lost.

not bad

Textbook for my class. Well written pretty easy to follow the examples

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