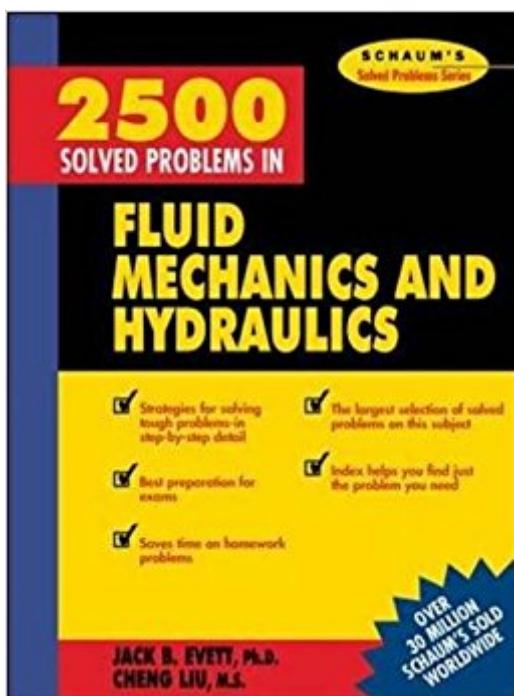


The book was found

2,500 Solved Problems In Fluid Mechanics And Hydraulics



Synopsis

This powerful problem-solver gives you 2,500 problems in fluid mechanics and hydraulics, fully solved step-by-step! From Schaum's, the originator of the solved-problem guide, and students' favorite with over 30 million study guides sold•this timesaver helps you master every type of fluid mechanics and hydraulics problem that you will face in your homework and on your tests, from properties of fluids to drag and lift. Work the problems yourself, then check the answers, or go directly to the answers you need using the complete index. Compatible with any classroom text, Schaum's 2500 Solved Problems in Fluid Mechanics and Hydraulics is so complete it's the perfect tool for graduate or professional exam review!

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Customer Reviews

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As pointed out by another reviewer, what you see is not what you get. The cover is different (it's a blue color). If you already have the blue book, this is not a different problem set from that one. This book fails to include units on the intermediate steps in solutions. Unit conversions are a source of error for a lot of students, so this laziness on their part is noteworthy. This text uses BG units in about half of the problems (in some sections, even more). Let's get real for a second: if you're an engineer, you're working in SI whenever possible. BG units are cumbersome and, if BG units are truly necessary, it's easier to convert back to the desired units at the end. I agree that it's important to know the conversions, but there is no benefit gained by students when they waste time on this outdated system. The focus of this class is to learn basic fluid mechanics, not conversions. If the units were primarily SI (maybe 75% of the problems or so), I would rate this text much higher, despite the lack of clarity in units during the intermediate steps.

I purchased this book to study for my PE...it does have tons and tons of resolved problems...but it is true, there is no explanation behind it, I know the formulas and I can understand where the procedure came from but the numbers do not make sense: example 1.9 - a rock is 0.00015m³. If the rock's specific gravity is 2.60, what is its weight? solution does this: $(2.60)(9.79) = 25.5 \text{ kN/m}^3$

$W-(25.5)(0.00015)=3.82N$ no clue where the 9.79 came from...gravity is 9.81 m/s²... i can only assume they used 9.79 as gravity but then on problem 1.11, they do use 9.81...CONFUSING.

great price

More of a "Cliff Notes" or school work book. Not for the person actually trying to learn from scratch. Basic background in the field is required.

EXCELLENT

I was dieing in my Hydrology and Hydrolics class. The text books that I had purchased for the class was useless. I bought this so I could get a better understanding of the my homework problems by examples. Best Buy Evers.

It would be nicer if some procedures be explained in more detail. Nonetheless it is a huge source for practicing the subject.

I would recommend this book for either students or individuals working in the field of mechanical engineering and fluid design. This book is a good review book for those working in fluid design.

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