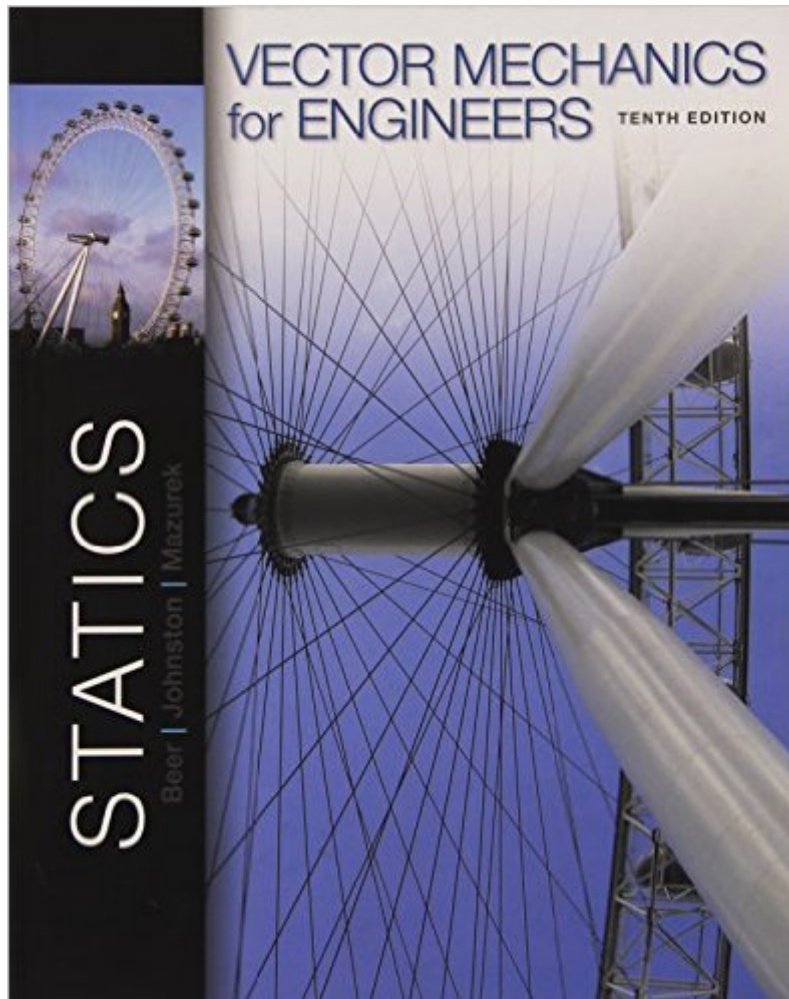


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Vector Mechanics For Engineers: Statics



Synopsis

Continuing in the spirit of its successful previous editions, the tenth edition of Beer, Johnston, Mazurek, and Cornwell's *Vector Mechanics for Engineers* provides conceptually accurate and thorough coverage together with a significant refreshment of the exercise sets and online delivery of homework problems to your students. Nearly forty percent of the problems in the text are changed from the previous edition. The Beer/Johnston textbooks introduced significant pedagogical innovations into engineering mechanics teaching. The consistent, accurate problem-solving methodology gives your students the best opportunity to learn statics and dynamics. At the same time, the careful presentation of content, unmatched levels of accuracy, and attention to detail have made these texts the standard for excellence.

Book Information

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Customer Reviews

This book does a very good job as a self-explanatory material. The concepts are very clearly explained and important formulas are highlighted. A student thus knows which formulas he needs to remember and focus on. But apart from that, the book does an excellent job of giving you the clear picture of the tools used to solve the problems. In the end, how you solve the problems depends on your level of interest and zest. It is shocking to see that students complaining about problems being tough. I mean, yes the problem set is a bit tough, but not impossible at all. The author also goes to the extent of including a section "Solving problems on your own" which includes the types of

problems that may be encountered and the logical method to solving them. I think students arguing that the book has a difficult set of problems are themselves too lazy to think outside the box! I say this because I am studying from the text for a national level competitive exam without an instructor. And I find myself able to solve almost all of the problems just by using the tools provided. But yes, you will have to burn some fat and think. Solving these problems only gives you a much better understanding. That being said, I would also like to say that the book does have some impossible problems. This is because the author is well aware that he is reaching out to all kinds of students out there. A brilliant student would be bored with easy problems. To solve those kinds of problems, a supplement may be necessary. I found that just a little bit of internet search would help you to solve the problems. I would like to point out that in some areas the author is not completely clear - like in the chapters involving the moments of inertia and centroids. Hence, four stars.

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