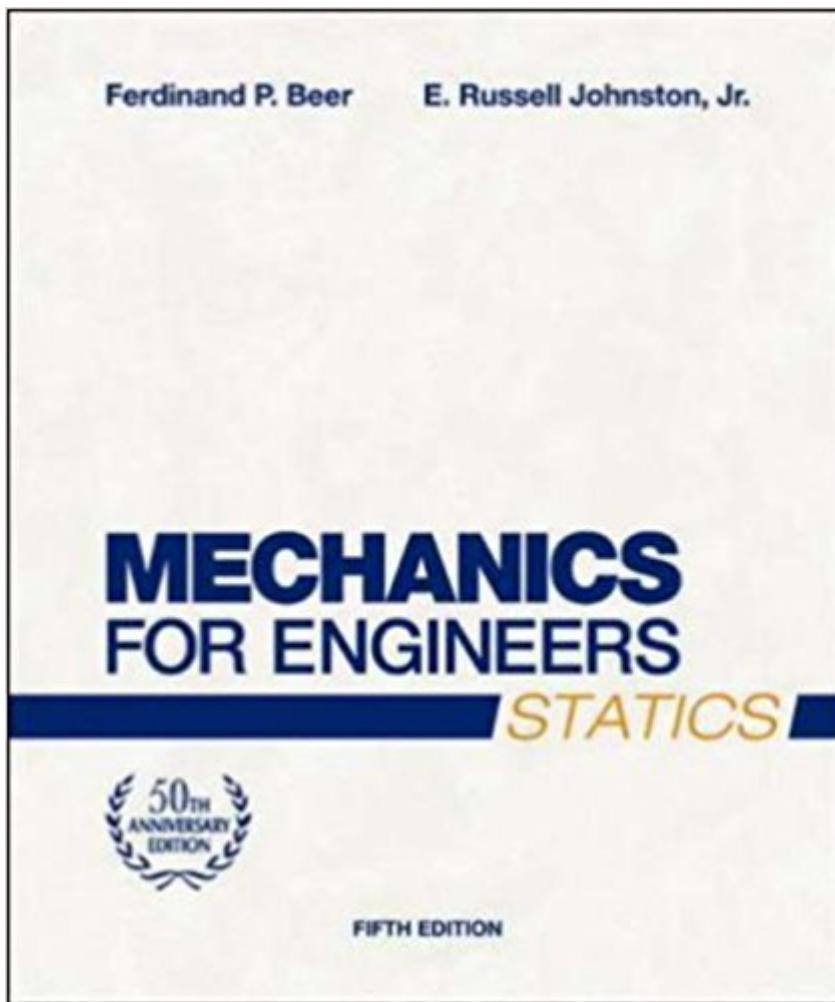


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# Mechanics For Engineers, Statics



## Synopsis

The first book published in the Beer and Johnston Series, Mechanics for Engineers: Statics is a scalar-based introductory statics text, ideally suited for engineering technology programs, providing first-rate treatment of rigid bodies without vector mechanics. This new edition provides an extensive selection of new problems and end-of-chapter summaries. The text brings the careful presentation of content, unmatched levels of accuracy, and attention to detail that have made Beer and Johnston texts the standard for excellence in engineering mechanics education.

## Book Information

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## Customer Reviews

Born in France and educated in France and Switzerland, Ferd held an M.S. degree from the Sorbonne and an Sc.D. degree in theoretical mechanics from the University of Geneva. He came to the United States after serving in the French army during the early part of World War II and had taught for four years at Williams College in the Williams-MIT joint arts and engineering program. Following his service at Williams College, Ferd joined the faculty of Lehigh University where he taught for thirty-seven years. He held several positions, including the University Distinguished Professors Chair and Chairman of the Mechanical Engineering and Mechanics Department, and in 1995 Ferd was awarded an honorary Doctor of Engineering degree by Lehigh University. Born in Philadelphia, Russ holds a B.S. degree in civil engineering from the University of Delaware and an Sc.D. degree in the field of structural engineering from The Massachusetts Institute of Technology (MIT). He taught at Lehigh University and Worcester Polytechnic Institute (WPI) before

joining the faculty of the University of Connecticut where he held the position of Chairman of the Civil Engineering Department and taught for twenty-six years. In 1991 Russ received the Outstanding Civil Engineer Award from the Connecticut Section of the American Society of Civil Engineers.

This book was almost a waste. I had to use Chegg to get solutions to the problems to make sense of this unclear book. This book is not a great book because alone, it is too confusing and takes too much time to understand. This book only started to make sense when I watched countless videos on Youtube, used Chegg.com for solutions and found other literature to teach myself statics. Statics in general is not an extremely difficult subject. (It's a 100 level class) I felt this book actually made the class harder by making me second guess what I already knew. Torque (Moment) is force x distance. Somehow this book made me feel like that was incorrect. They don't build good foundations of concepts and make topics harder than they need to be. I Do NOT recommend this book at all. Is there a better book?; I'm not sure. However, I would not recommend this if you are trying to learn statics from a book.

Good condition.

A very good book on static mechanics. The problems seem hard at first but remembering  $\sigma F_x = 0$ ,  $\sigma F_y = 0$ ,  $\sigma F_z = 0$ , you'll be fine. This book is easier if you know basic college physics topics aka moments, forces, vectors, etc. This is recommended for mechanical and civil engineers. This book is being utilized at Northeastern University.

Finished structural schooling with this book. It is a great intro book for people that want to learn what structural engineers have to calculate on a working basis. It is a book I will have for a very long time in my library.

This book and all books by Beer are very well written and have a lot of really good examples and problems.

When I purchased Mechanics for Engineers, Statics by Ferdinand Pierre Beer" Being a used book and for the low price I bought it for I was expecting to find it in a lot worse condition than it was. It was a great deal. The cover of the book was a bit dirty but that was it. The book was just what I

needed for my class and it was a lot cheaper than buying it at the book store on campus. The book at the book store was priced at \$180 and I got it here on for \$90. Saving money and passing classes, That's the way to go!Mechanics for Engineers, StaticsÂ A Product Link

This book is confusing on how to apply problems, is not worded that great, and the topics are often only half a page long, not nearly good enough to understand the material. I taken this class last year (Spring of 2015) and failed it. I am taking it again this coming semester (Spring of 2016) and I hope I do better this time around.

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