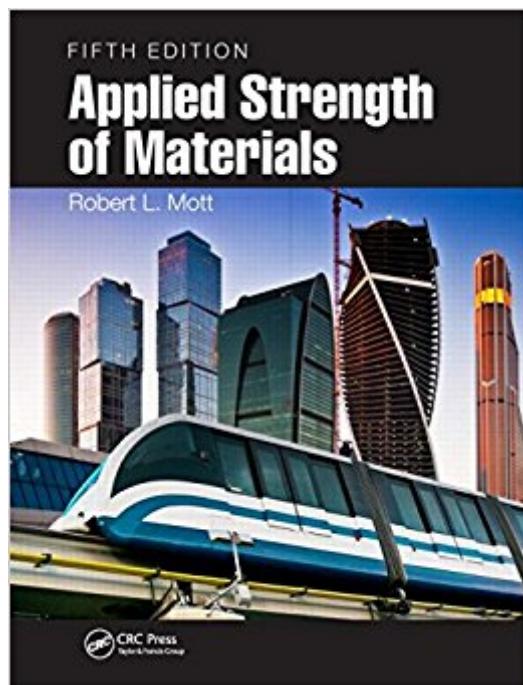


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# Applied Strength Of Materials, Fifth Edition



## Synopsis

This book discusses key topics in strength of materials, emphasizing applications, problem solving, and design of structural members, mechanical devices, and systems. It covers basic concepts, design properties of materials, design of members under direct stress, axial deformation and thermal stresses, torsional shear stress and torsional deformation, shearing forces and bending moments in beams, centroids and moments of inertia of areas, stress due to bending, shearing stresses in beams, special cases of combined stresses, the general case of combined stress and Mohr's circle, beam deflections, statistically indeterminate beams, columns, and pressure vessels.

## Book Information

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## Customer Reviews

lots of appendices is unreadable. random pages have blurred text (maybe 10) and some tears and rips in some pages(obvious publisher faults) i worked in paper publishing for a short period and wow "CRC PRESS" is terrible and doesn't pay attention to details seems to be the case with every textbook for CRC not just mineralogical I think did do a good job though so 4 stars for him and 0 for CRC = 2 stars

Great condition better than I expected, Thank you

Pretty good textbook for explaining bending moment diagrams, shear stresses, torque,

manufacturing engineering concepts, etc. It gets a little stiff while explaining more complicated stuff later on in the book, but overall this is a pretty good textbook for engineering students. Can be used as a decent reference guide for future engineering courses, too.

Great shape!

This is awful. I paid \$65 and got a book in which the entire spine is broken. It doesn't even deserve a 1 star rating.

Book was new and delivered as promised.

A++

Very informative and interesting. The sample problems ranged greatly and gave me a good idea of what is being taught.

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