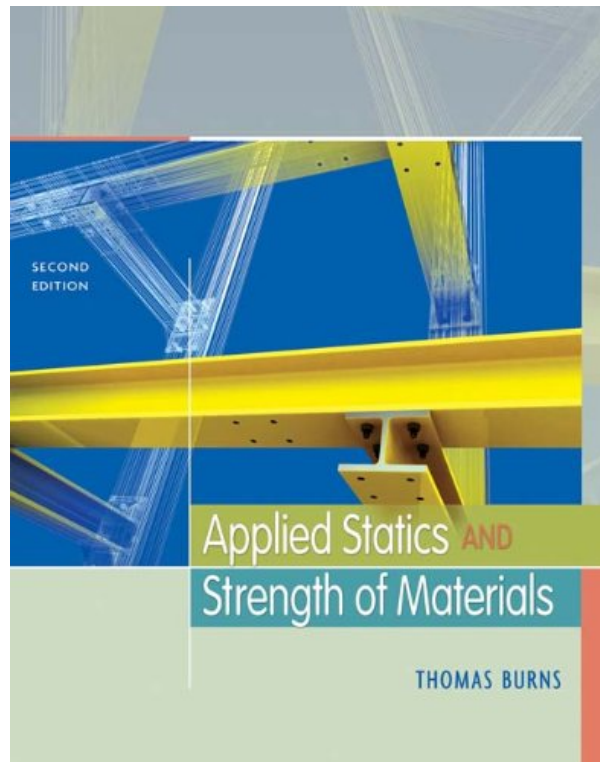
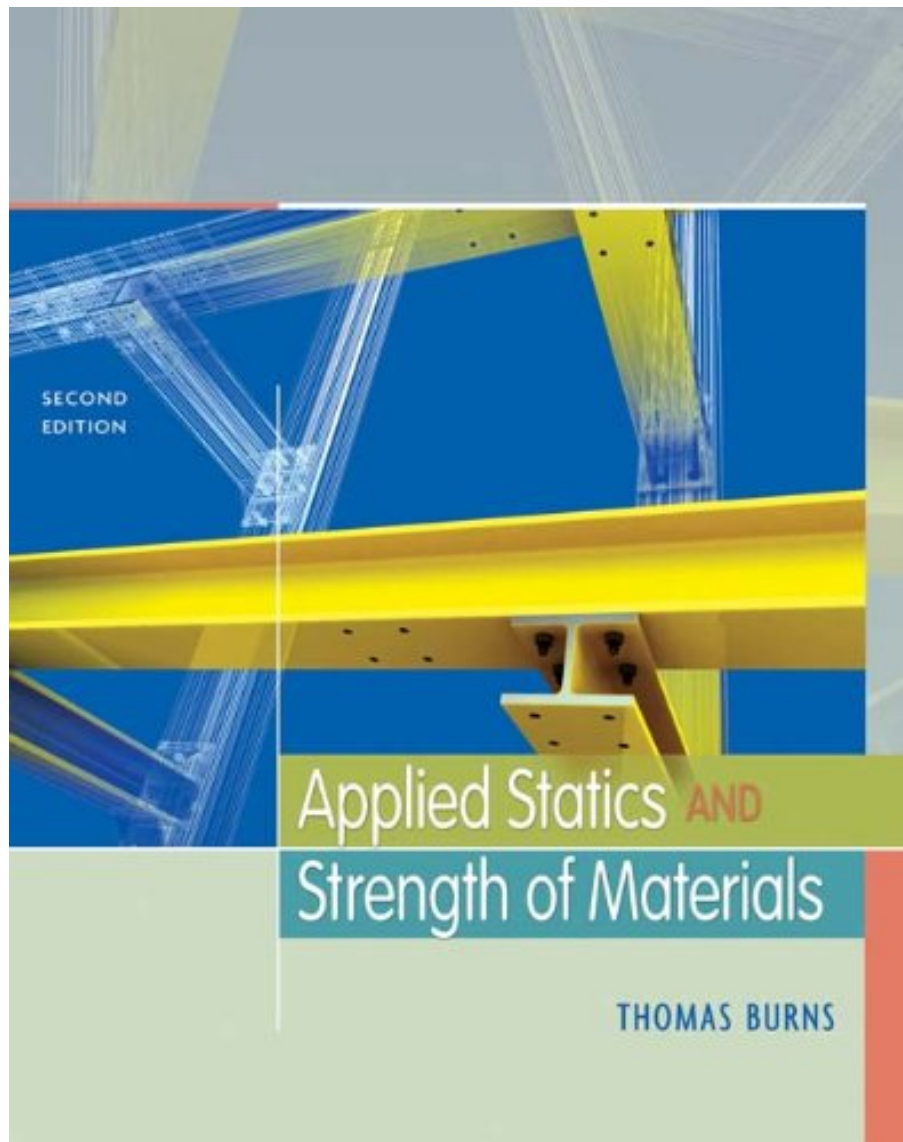


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Review

1: Introduction to Statics and Strength of Materials. 2: Forces and Force Systems. 3: Equilibrium of Force Systems. 4: Truss and Frame Analysis. 5: Friction. 6: Center of Gravity and Centroids. 7: Moment of Inertia. 8: Stress and Strain. 9: Further Applications of Stress and Strain. 10: Torsion. 11: Beams: Shear Forces and Bending Moments. 12: Beams: Bending, Shear, and Deflection. 13: Combined Stresses. 14: Beam Design Basics. 15: Column Design Basics. 16: Connection Design Basics. Appendix A: Steel Section Tables. Appendix B: Typical Properties for Selected Materials and Radii of Gyration. Appendix C: Beam Loading Tables. Appendix D: Timber Section Tables and Design Values. Appendix E: Integration Techniques for Centroids, Moment of Inertia, and Bending Moments.

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This is the best book I read on this subject so far. After reading this book I finally understood everything. The book is very readable the author did a excellent job explaining everything specially in Statics.

If your learning this subject for the first time this is the book to get. The only down fall of this book is that there are errors and misprints in some of the examples in this book. Hopefully they come out with a second edition with the errors and misprints corrected.

I still gave this book 5 stars because of the superior job the author did in explaining this subject.

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