



## Theory of Elastic Stability (Paperback)

By Stephen P. Timoshenko, James M. Gere

Dover Publications Inc., United States, 2009. Paperback. Condition: New. 2nd edition. Language: English. Brand new Book. The best available guide to the elastic stability of large structures, this book introduces the principles and theory of structural stability. It was co-authored by the father of modern engineering mechanics, Stephen Timoshenko, and James Gere, who updated the materials and worked closely with Dr. Timoshenko. Relevant to aspects of civil, mechanical, and aerospace engineering, this classic covers the essentials of static and dynamic instabilities. Topics range from theoretical explanations of 2- and 3-D stress and strain to practical applications such as torsion, bending, thermal stress, and wave propagation through solids. Additional subjects include beam columns, curved bars and arches, buckling of rings, and experiments and design formulas. Particularly suitable for advanced undergraduate and graduate students of engineering, this volume is also an indispensable reference for professionals.

DOWNLOAD



READ ONLINE  
[ 6.26 MB ]

### Reviews

*Extremely helpful for all class of people. We have read through and that i am confident that i am going to going to read through again again down the road. Its been designed in an exceedingly basic way in fact it is simply following i finished reading this pdf in which in fact altered me, alter the way i think.*

-- **Noel Stanton**

*Absolutely one of the best pdf We have ever read. I really could comprehended every little thing using this written e book. I am easily could get a satisfaction of reading a written publication.*

-- **Dr. Odie Hamill**