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Schaum’s Outlines Strength of Materials

Strength of materials, also known as mechanics of materials, is focused on analyzing stresses and deflections in materials under load. Knowledge of stresses and deflections allows for the safe design of structures that are capable of supporting their intended loads.

Strength of Materials | Mechanics of Materials | MechaniCalc

The strength of material is the limit value (critical value) of a stress Materials testing to static loads Axial compression: For this test, prismatic specimens, cubic specimens, cylindrical ...

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Third Edition MECHANICS OF MATERIALS

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Strength of Materials in Engineering Mechanics This book is a first course in the analysis of structures. Although most of the material should be accessible to all students who have had a mechanics course, a previous exposure to Engineering Mechanics would be useful.

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