

Strength of materials Part 1

- [Sự sưu tập](#)

o

o Duyệt tài liệu theo:

o [Năm xuất bản](#)

o [Tác giả](#)

o [Nhân đề](#)

o [Chủ đề](#)

• [Trợ giúp](#)

• [Đăng nhập](#)

o [Trang cá nhân](#)

o [Đăng ký email
thông báo](#)

o [Hồ sơ](#)

CIL-HAU

Lưu trữ, bảo quản, phục vụ các tài liệu nội sinh của Trường

1. [Digital Library of Hanoi Architectural University](#)
2. [SÁCH ĐIỆN TỬ](#)
3. [Sách tham khảo nước ngoài {SH}](#)

Vui lòng dùng định danh này để trích dẫn hoặc liên kết đến tài liệu này: <http://10.1.1.57:8888/dspace/handle/hau/4597>

Nhan đề: Strength of Materials Part 1 (Second Edition)

Tác giả: [Timoshenko, Stephen](#)

Từ khoá: Automotive
Transportation
Mechanical Engineering

Năm xuất bản: 1940

Nhà xuất bản: D. Van Nostrand Co., Inc

Mô tả: Strength of Materials, Part 1, Elementary theory and problems book has a considerable number of new problems were added and answers to many of the old problems inserted. Strength of Materials by Stephen Timoshenko book was expanded by the addition of two new chapters, namely Chapter VIII which deals with bending of beams in a plane which is not a plane of symmetry and Chapter XII on the bending of curved bars. In Chapter VIII the notion of shear center which is of great practical importance in the case of thin walled structures is introduced. In Chapter XII is presented the material on curved bars which previously appeared in the second volume of this book. It is hoped with these major changes as well as the innumerable minor changes throughout the entire book that the volume will be not only more complete but also more satisfactory as a textbook in elementary courses in strength of materials.

Định danh: <http://10.1.1.57:8080/dspace/handle/hau/4597>

Bộ sưu tập: [Sách tham khảo nước ngoài {SH}](#)

Các tập tin trong tài liệu này:

Tập tin	Mô tả	Kích thước	Định dạng	
Elementary Theory and Problems - Part 1.PDF		13.53 MB	Adobe PDF	Xem trực tuyến

[Hiển thị đầy đủ biểu ghi tài liệu Xem thống kê](#)

Khi sử dụng các tài liệu trong Thư viện số phải tuân thủ Luật bản quyền.

Giao diện cung cấp bởi

Thư viện số - Trường Đại học Kiến trúc Hà Nội

Địa chỉ: Tầng 13 - Nhà H

Km 10 - Nguyễn Trãi - Thanh Xuân - Hà Nội

Điện thoại: (024) 33 120 542 - Email: thuvien.hau@gmail.com

- [Góp ý](#)

Strength of Materials: Part 1. 11 lessons, 2h 19m. 13 o Let us imagine dat body is divided in 2 parts 'A' and 'B' by a cross section 'mn' through point 'o' as shown in fig. I. STRESS .In fig.I considering internal forces are developed because of external forces are distributed over given cross section mn. It can be assumed as these forces are distributed continuously over the area same way as hydrostatic forces . Hence, magnitude of such forces is measured in terms of intensity as they are continuously distributed over the surface. strength of materials part elementary theory and problems by timoshenko professor of theoretical and engineering mechanics stanford university second edition——. STRENGTH OF MATERIALS PART I Elementary Theory and Problems BY S. TIMOSHENKO Professor of Theoretical and Engineering Mechanics Stanford University SECOND EDITION——TENTH PRINTING D. VAN NOSTRAND COMPANY, INC. TORONTO NEW YORK LONDONNEW YORK ' D. Van Nostrand Company, Inc., 250 Fourth Avenue, New York 3 TORONTO . D. Van Nostrand Company, (Canada), Ltd., 228 Bloor Street, Toronto LONDON Macmillan & Company, Ltd., St. Martin's Street, London, WC. Strength of materials, also called mechanics of materials, is a subject which deals with the behavior of solid objects subject to stresses and strains. The complete theory began with the consideration of the behavior of one and two dimensional members of structures, whose states of stress can be approximated as two dimensional, and was then generalized to three dimensions to develop a more complete theory of the elastic and plastic behavior of materials. An important founding pioneer in mechanics of