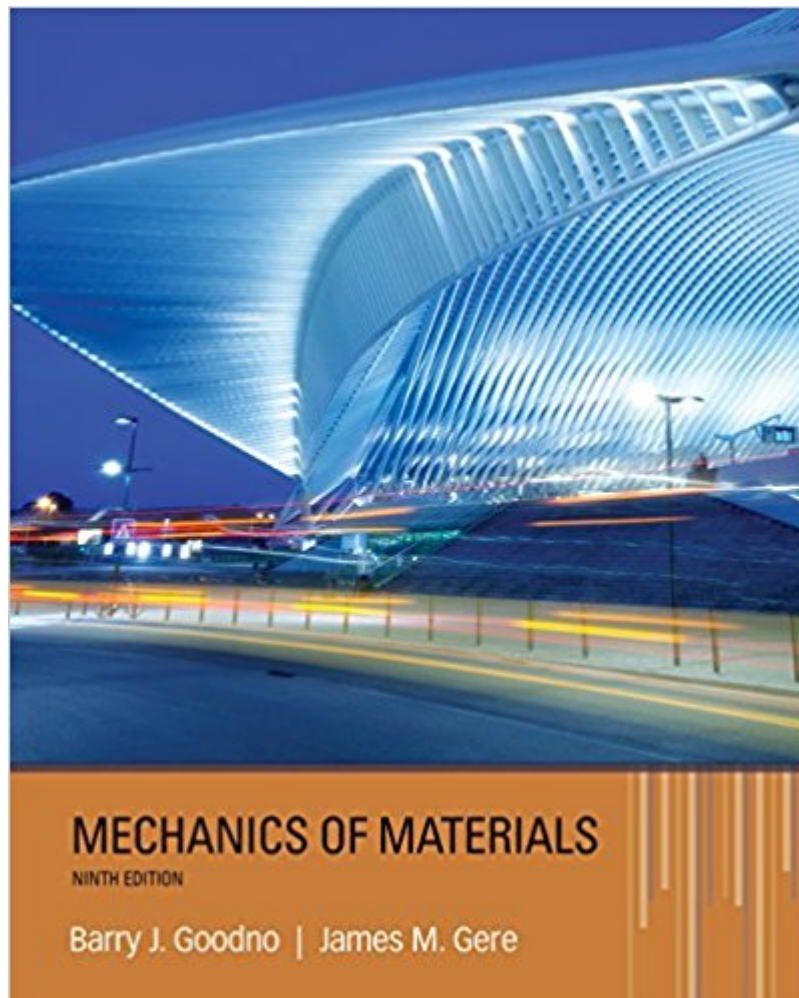




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Synopsis

Give students a rigorous, complete, and integrated treatment of the mechanics of materials -- an essential subject in mechanical, civil, and structural engineering. This leading text, Goodno/Gere's MECHANICS OF MATERIALS, 9E, examines the analysis and design of structural members subjected to tension, compression, torsion, and bending -- laying the foundation for further study.

Book Information

Series: Activate Learning with these NEW titles from Engineering!

Hardcover: 1159 pages

Publisher: CL Engineering; 9 edition (January 1, 2017)

Language: English

ISBN-10: 1337093343

ISBN-13: 978-1337093347

Product Dimensions: 1.5 x 8.2 x 10.2 inches

Shipping Weight: 4.4 pounds (View shipping rates and policies)

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Barry John Goodno is Professor of Civil and Environmental Engineering at Georgia Institute of Technology. He was an Evans Scholar and received a B.S. in Civil Engineering from the University of Wisconsin in 1970. He received M.S. and Ph.D. degrees in Structural Engineering from Stanford University in 1971 and 1975, respectively. He holds a professional engineering license (PE) in Georgia, is a Fellow of ASCE and an Inaugural Fellow of SEI, and has held numerous leadership positions within ASCE. Dr. Goodno is a member of the Engineering Mechanics Institute (EMI) of ASCE and is a past president of the ASCE Structural Engineering Institute (SEI) Board of Governors. James M. Gere (1925-2008) earned his undergraduate and master's degrees in Civil Engineering from the Rensselaer Polytechnic Institute, where he worked as instructor and Research

Associate. He was awarded one of the first NSF Fellowships and studied at Stanford, where he earned his Ph.D. He joined the faculty in Civil Engineering, beginning a 34-year career of engaging his students in mechanics, structural and earthquake engineering. He served as Department Chair and Associate Dean of Engineering and co-founded the John A. Blume Earthquake Engineering Center at Stanford. Dr. Gere also founded the Stanford Committee on Earthquake Preparedness. He was one of the first foreigners invited to study the earthquake-devastated city of Tangshan, China. Dr. Gere retired in 1988 but continued to be an active, valuable member of the Stanford community. Dr. Gere was known for his cheerful personality, athleticism, and skill as an educator. He authored nine texts on engineering subjects starting with *Mechanics of Materials*, a text that was inspired by his teacher and mentor Stephan P. Timoshenko. His other well-known textbooks, used in engineering courses around the world, include: *Theory of Elastic Stability*, co-authored with S. Timoshenko; *Matrix Analysis of Framed Structures* and *Matrix Algebra for Engineers*, both co-authored with W. Weaver; *Moment Distribution*; *Earthquake Tables: Structural and Construction Design Manual*, co-authored with H. Krawinkler; and *Terra Non Firma: Understanding and Preparing for Earthquakes*, co-authored with H. Shah. In 1986 he hiked to the base camp of Mount Everest, saving the life of a companion on the trip. An avid runner, Dr. Gere completed the Boston Marathon at age 48 in a time of 3:13. Dr. Gere is remembered as a considerate and loving man whose upbeat humor always made aspects of daily life and work easier.

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