
ENGINEERING MECHANICS

VOLUME 1

STATICS

SIXTH EDITION

SI VERSION

J. L. MERIAM

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*Virginia Polytechnic Institute
and State University*



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mechanics principles for more than 60 years This text continues to help students develop their problem solving skills with an extensive variety of engaging problems related to engineering design In addition to new homework problems the text includes a number of helpful sample problems To help students build necessary visualization and problem solving skills the text strongly emphasizes drawing free body diagrams one of the most important skills needed to solve mechanics problems

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