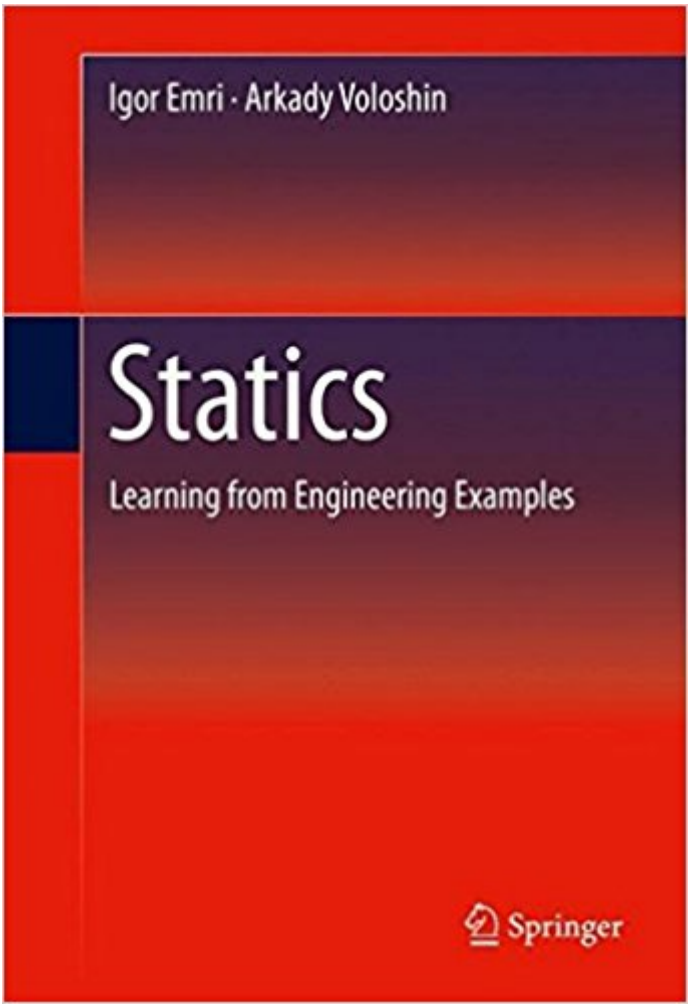
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Statics: Learning From Engineering Examples



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Synopsis

This textbook introduces and explains the basic concepts on which statics is based utilizing real engineering examples. The authors emphasize the learning process by showing a real problem, analyzing it, simplifying it, and developing a way to solve it. This feature teaches students intuitive thinking in solving real engineering problems using the fundamentals of NewtonÃ¢â ¬â„¢s laws.This book also:Ã Â Ã Â Stresses representation of physical reality inÃ Â ways that allow students to solve problems and obtain meaningful resultsÃ Â Ã Â Emphasizes identification of important features of the structure that should be included in a model and which features may be omittedÃ Â Facilitates students' understanding and mastery of the "flow of thinking" practiced by professional engineers

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by professional engineers

Dr. Igor Emri is a Professor of Mechanical Engineering at the University of Ljubljana and is a full member of the European Academy of Sciences. He is also one of the Editors-in-Chief of the journal, Ã¢â ¬Å“Mechanics of Time-Dependent Materials.Ã¢â ¬Â•Dr. Arkady Voloshin is a Professor in the Department of Mechanical Engineering and Mechanics at Lehigh University.

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