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Introduction to MATLAB 7 for Engineers William John Palm,2005 This is a simple concise book designed to be useful for beginners and to be kept as a reference MATLAB is presently a globally available standard computational tool for engineers and scientists The terminology syntax and the use of the programming language are well defined and the organization of the material makes it easy to locate information and navigate through the textbook The text covers all the major capabilities of MATLAB that are useful for beginning students An instructor s manual and other web resources are available

Engineering Mechanics , Statics J. L. Meriam,L. G. Kraige,2001-08-28 *Engineering Mechanics: Dynamics* James L. Meriam,2002 *Hyperspectral Imaging for Fine to Medium Scale Applications in Environmental Sciences* Michael Vohland,András Jung,2021-05-14 The aim of the Special Issue Hyperspectral Imaging for Fine to Medium Scale Applications in Environmental Sciences was to present a selection of innovative studies using hyperspectral imaging HSI in different thematic fields This intention reflects the technical developments in the last three decades which have brought the capacity of HSI to provide spectrally spatially and temporally detailed data favoured by e g hyperspectral snapshot technologies miniaturized hyperspectral sensors and hyperspectral microscopy imaging The present book comprises a suite of papers in various fields of environmental sciences geology mineral exploration digital soil mapping mapping and characterization of vegetation and sensing of water bodies including under ice and underwater applications In addition there are two rather methodically technically oriented contributions dealing with the optimized processing of UAV data and on the design and test of a multi channel optical receiver for ground based applications All in all this compilation documents that HSI is a multi faceted research topic and will remain so in the future

Forthcoming Books Rose Arny,2001 **Solution's Manual - Computer Methods for Engineers with Matlab Applications Second Edition** Taylor & Francis Group,2012-02-15

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