

## Introduction Continuum Mechanics Lai Solution Manual

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Thus,  $\hat{n} = \frac{1}{\sqrt{2}}(\hat{i} + \hat{j})$ , so that a unit vector in the direction of the axis of rotation is.  $\hat{n} = \frac{1}{\sqrt{2}}(\hat{i} + \hat{j})$ . Lai et al, Introduction to Continuum Mechanics. Copyright 2010, Elsevier Inc 2-9. 2.29 A rigid body undergoes a right hand rotation of angle  $\theta$  about an axis which is in the direction of the unit vectorm.

W. Michael Lai is Professor Emeritus of Mechanical Engineering and Orthopaedic Bioengineering at Columbia University. He received his Ph.D in Engineering Mechanics in 1962 from the University of Michigan.

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Introduction This manual contains solutions to the exercises presented in Introduction to Continuum Mechanics (Cambridge University Press). There are over one hundred and fifty exercises and their solutions in the following chapters. I have included the exercises for the convenience of instructors who would

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introduction to modern continuum mechanics has been fully revised to serve a dual purpose: for introductory courses in undergraduate engineering curricula, and for beginning graduate courses. Introduction to Continuum Mechanics-W Michael Lai 2009-07-23 Continuum Mechanics is a branch of physical mechanics that describes the macroscopic

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