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Thus,  $\alpha 2 3 = \alpha \alpha$ , so that a unit vector in the direction of the axis of rotation is.  $n = e e e() / 3^{1/2}$  . 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 vector.

### **CHAPTER 2, PART A**

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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