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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 θ about an axis which is in the direction of the unit vectorm.

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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