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Ansel C. Ugural, Ph.D., is Research Professor at New Jersey Institute of Technology. He has held various faculty and administrative positions at Fairleigh Dickinson University, and he taught at the University of Wisconsin. Ugural has considerable industrial experience in both full-time and consulting capacities.

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Ugural has extensive industrial experience, is a member of several professional societies, and is author of Mechanics of Materials (Wiley, 2007), Stresses in Beams, Plates and Shells (CRC Press, 2009), and Mechanical Design: An Integrated Approach (McGraw-Hill, 2004).

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____ SOLUTION (3.8) We have τ 25 x" Z5 y =0 τ y 2 "x 2" 2# xy "x"y = I2ay = 2ay. Equation of compatibility, Eq. (3.8) is satisfied. Stresses are E 18! 2. #x =

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