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Engineering Mechanics - Statics Chapter 10 Problem 10-5 Determine the moment for inertia of the shaded area about the y axis. Given: a = 4in b = 2in Solution: $I_y = \frac{1}{3} a x^2 b x a = d I_y 21.33in^4 =$ Problem 10-6 Determine the moment of inertia for the shaded area about the x axis. Solution: $I_x = \frac{1}{3} b x h x b ...$

Engineering Mechanics - Statics Chapter 10

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This textbook teaches students the basic mechanical behaviour of materials at rest (statics), while developing their mastery of engineering methods of analysing and solving problems.

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