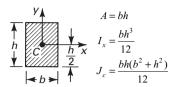
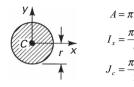
TABLE C.1. Properties of Some Plane Areas

1. Rectangle



5. Circle

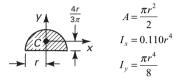


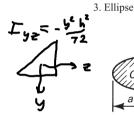
Iy= = + 21

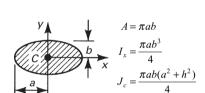
2. Right triangle



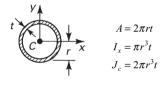
6. Semicircle







7. Thin tube



4. Isosceles triangle



$$A = \frac{bh}{2}$$

$$I_x = \frac{bh^3}{36} \quad I_y = \frac{hb^3}{48}$$

$$J_c = \frac{bh}{144}(4h^2 + 3b^2)$$

8. Half of thin tube

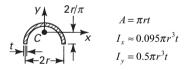


FIGURE C.1. Plane area A with centroid C.

