

Figure 3.1
Cross section of an airfoil.

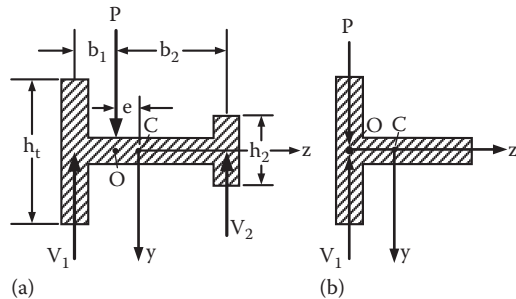


Figure 3.2
Beam with a thin-walled cross section. (a) Thin-walled beam and (b) beam cross section.

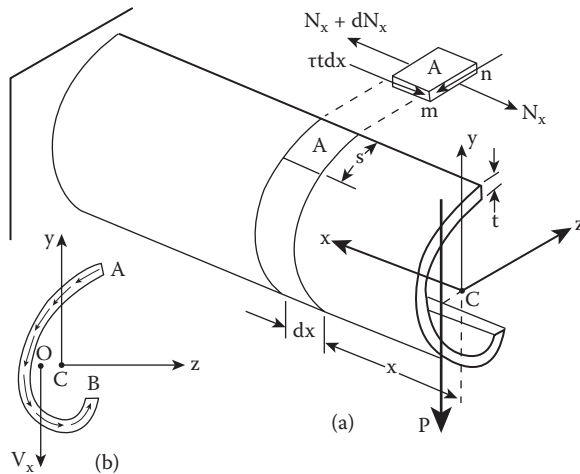


Figure 3.3
Finding the shear center of a channel section beam. (a) Flanged beam and (b) simplified model.

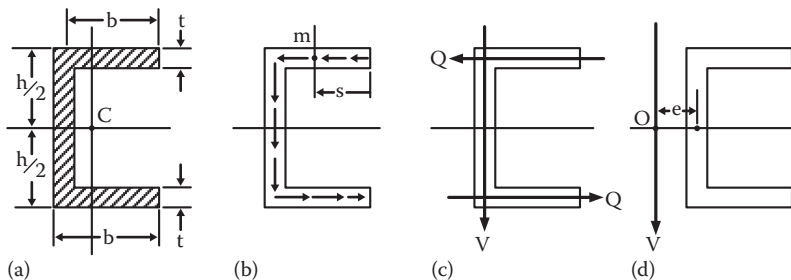


Figure 3.4

Shear center of a beam of a semicircular cross section. (a) Channel section beam, (b) tangential shear stresses, (c) total shear force on vertical web, and (d) line of action of the total shear force.

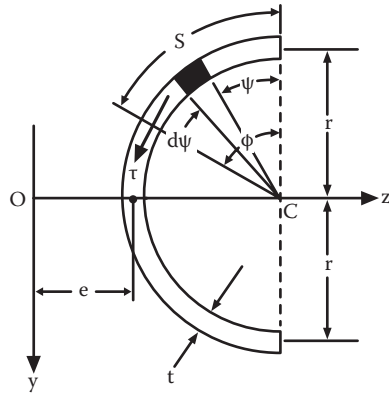


Figure 3.5
Thin-walled beam with semicircular cross section.