Chapter 19 Combined open and closed section beams

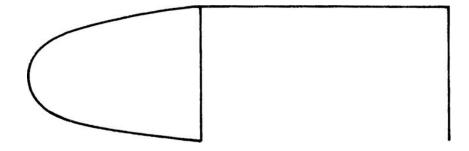


FIGURE 19.1 Wing Section Comprising Open and Closed Components

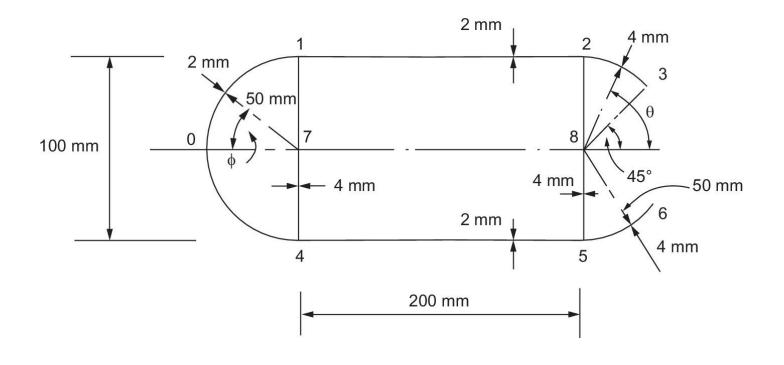


FIGURE 19.2 Beam Section of Example 19.1

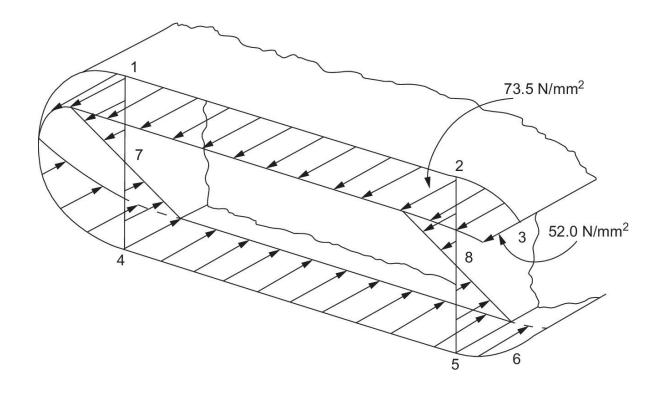


FIGURE 19.3 Direct Stress Distribution in Beam Section of Example 19.1

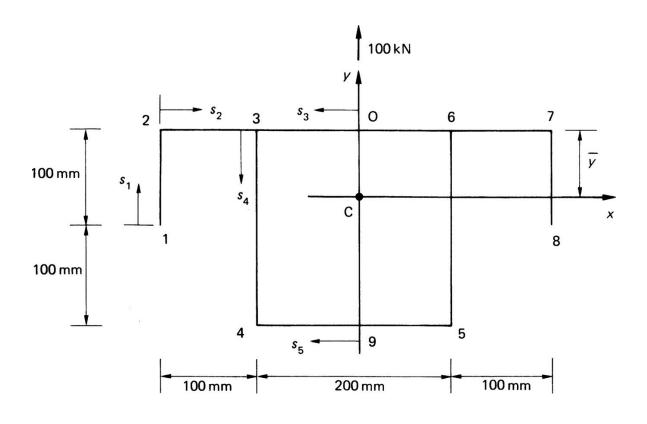


FIGURE 19.4 Beam Section of Example 19.2

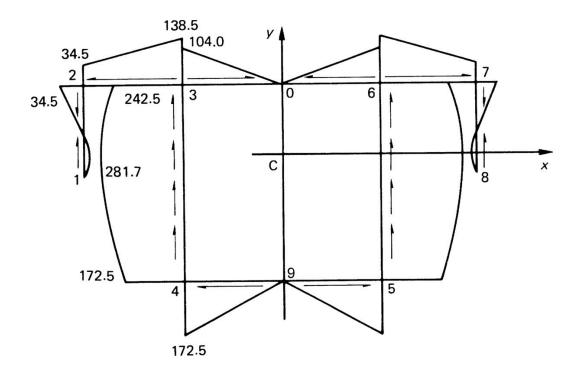


FIGURE 19.5 Shear Flow Distribution in Beam of Example 19.2 (All Shear Flows in N/mm)

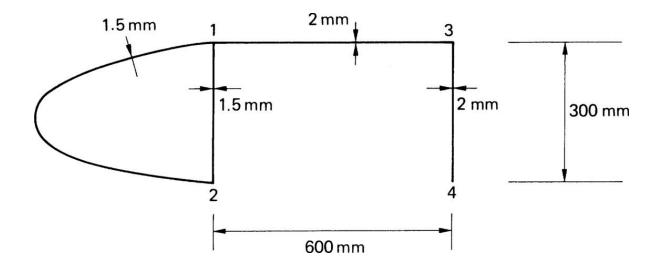


FIGURE 19.6 Wing Section of Example 19.3

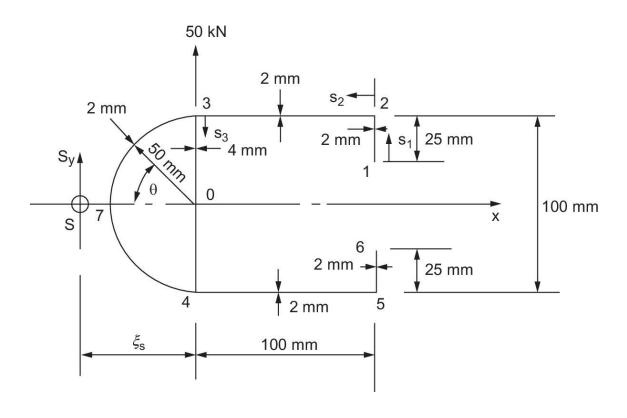


FIGURE 19.7 Wing Section of Example 19.4

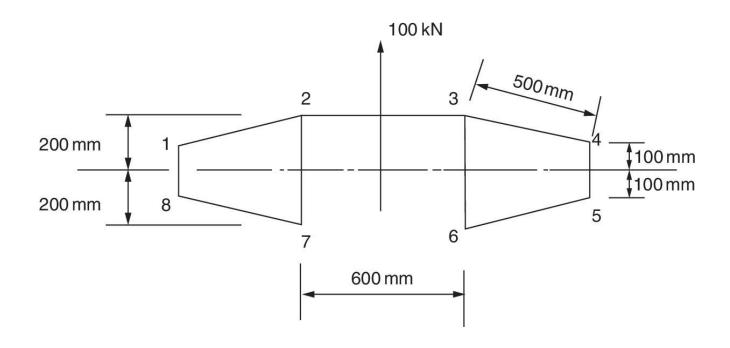


FIGURE P.19.2

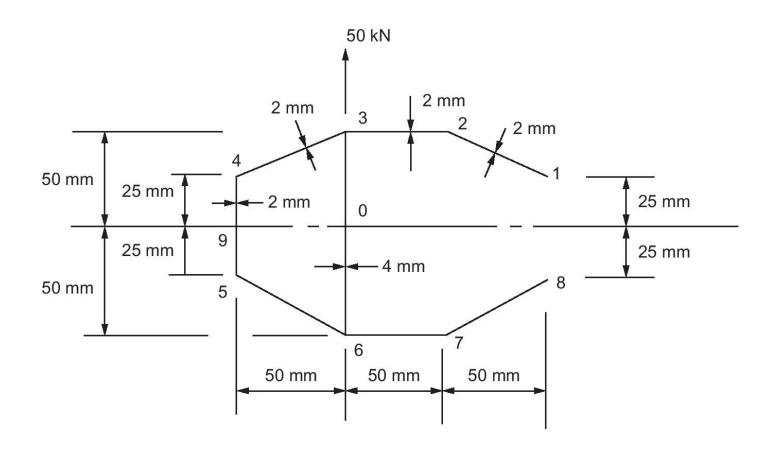


FIGURE P.19.5