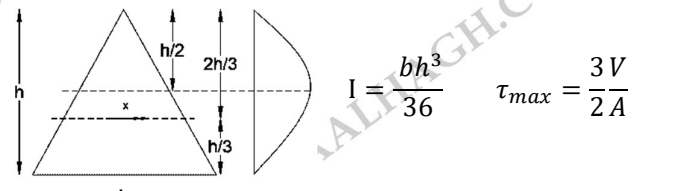
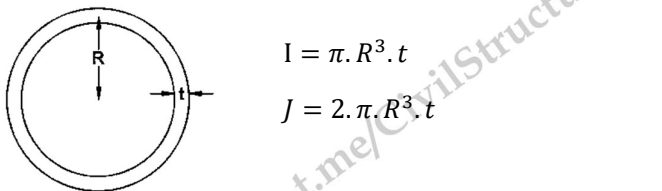
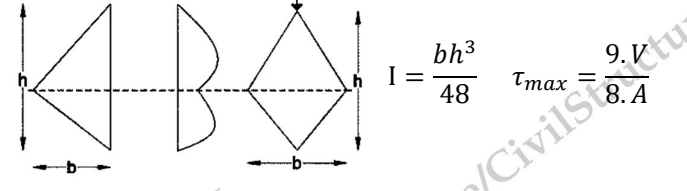
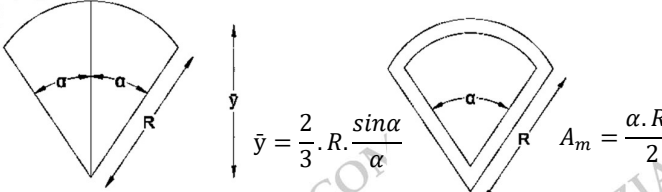
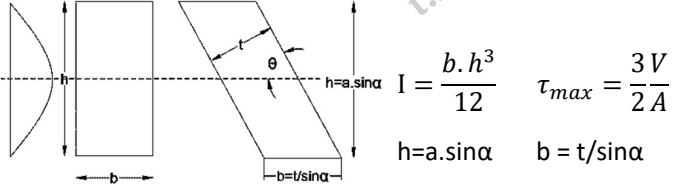
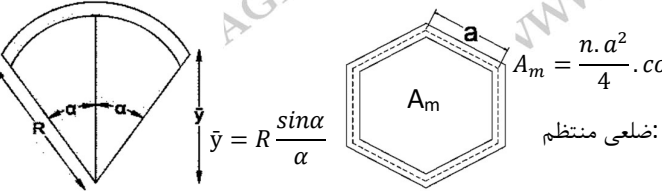
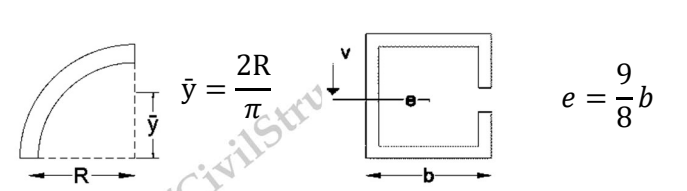
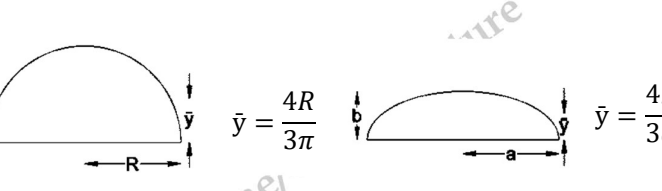
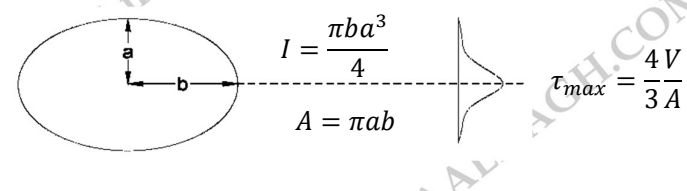
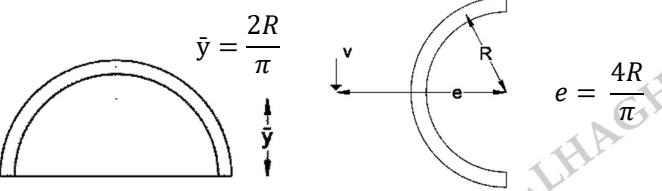
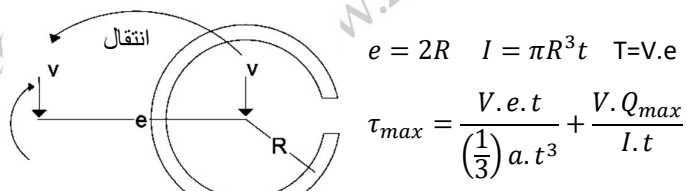
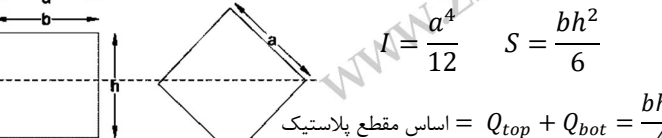
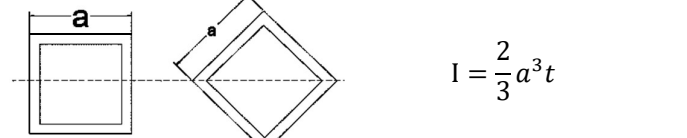
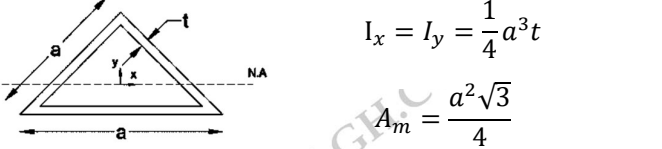
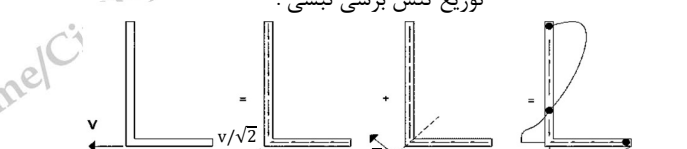
 <p> $I = \frac{\pi \cdot R^4}{4}$ $J = \frac{\pi \cdot R^4}{2}$ $\tau_{max} = \frac{4 \cdot V}{3 \cdot A}$ </p>	 <p> $I = \frac{bh^3}{36}$ $\tau_{max} = \frac{3V}{2A}$ </p>
 <p> $I = \pi \cdot R^3 \cdot t$ $J = 2 \cdot \pi \cdot R^3 \cdot t$ </p>	 <p> $I = \frac{bh^3}{48}$ $\tau_{max} = \frac{9 \cdot V}{8 \cdot A}$ </p>
 <p> $\bar{y} = \frac{2}{3} \cdot R \cdot \frac{\sin \alpha}{\alpha}$ $A_m = \frac{\alpha \cdot R^2}{2}$ </p>	 <p> $I = \frac{b \cdot h^3}{12}$ $\tau_{max} = \frac{3V}{2A}$ $h = a \cdot \sin \alpha$ $b = t / \sin \alpha$ </p>
 <p> $\bar{y} = R \frac{\sin \alpha}{\alpha}$ $A_m = \frac{n \cdot a^2}{4} \cdot \cot \frac{\pi}{n}$ ضلعی منتظم: n </p>	 <p> $\bar{y} = \frac{2R}{\pi}$ $e = \frac{9}{8} b$ </p>
 <p> $\bar{y} = \frac{4R}{3\pi}$ $\bar{y} = \frac{4b}{3a}$ </p>	 <p> $I = \frac{\pi b a^3}{4}$ $A = \pi a b$ $\tau_{max} = \frac{4V}{3A}$ </p>
 <p> $\bar{y} = \frac{2R}{\pi}$ $e = \frac{4R}{\pi}$ </p>	 <p> $e = 2R$ $I = \pi R^3 t$ $T = V \cdot e$ $\tau_{max} = \frac{V \cdot e \cdot t}{\left(\frac{1}{3}\right) a \cdot t^3} + \frac{V \cdot Q_{max}}{I \cdot t}$ </p>
 <p> $I = \frac{a^4}{12}$ $S = \frac{bh^2}{6}$ اساس مقطع پلاستیک = $Q_{top} + Q_{bot} = \frac{bh^2}{4}$ </p>	 <p> $I = \frac{2}{3} a^3 t$ </p>
 <p> $I_x = I_y = \frac{1}{4} a^3 t$ $A_m = \frac{a^2 \sqrt{3}}{4}$ </p>	 <p>توزیع تنش برشی نبشی:</p>