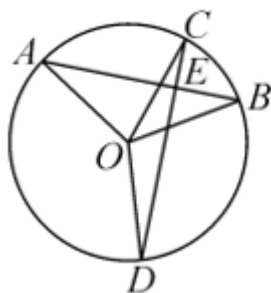


Example 117 : As shown in Figure 1, in the circle O , the chord $AB \perp CD$, the vertical foot is E , find the degree of $\angle AOD + \angle BOC$.



$$\left(\frac{O-D}{O-A} \frac{O-C}{O-B} \right) \frac{B-O}{A-B} \frac{C-D}{D-O} \left(\frac{A-B}{C-D} \right)^2 = 1,$$