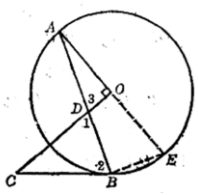

Example 178 : As shown in Figure 1 , AB is the chord of circle O, OC is perpendicular to OA, intersects AB at D, and intersects the tangent of B at C, then $BC = CD$.

$$\frac{\dfrac{A-B}{O-C}}{\dfrac{B-C}{B-A}} = \frac{\dfrac{B-A}{B-O}}{\dfrac{A-O}{A-B}}\frac{\dfrac{A-O}{O-C}}{\dfrac{B-C}{B-O}},$$