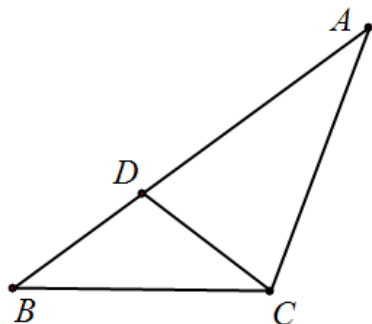


Example 200 : As shown in Figure 1 , $\triangle ABC$, $\angle C = 3 \angle B$, intercept $AD = AC$ on AB , and prove : $CD = DB$.



$$\left(\frac{C-B}{C-D} \right)^2 \frac{\left(\frac{B-A}{B-C} \right)^3 \frac{C-D}{C-A} \frac{C-A}{D-C}}{\frac{B-A}{B-C}} = 1,$$