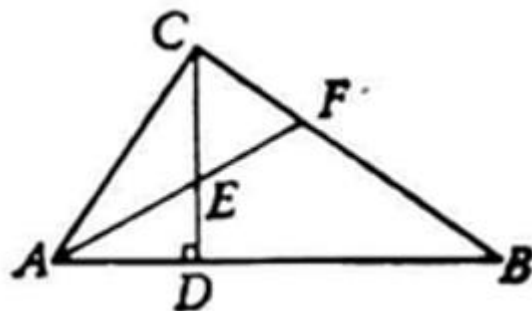


Example 1 62 : As shown in **Figure 1**, it is known that CD is the height on the hypotenuse AB of $Rt \triangle ABC$, the bisector of $\angle A$ intersects CD at point E , and intersects CB at point F . Prove: $CE = CF$.



$$\frac{\frac{A-C}{A-F} \frac{C-B}{C-A} \frac{C-E}{A-B}}{\frac{A-B}{A-B}} = \frac{\frac{E-C}{F-A} \frac{F-A}{B-C}}{\frac{F-A}{B-C}}.$$