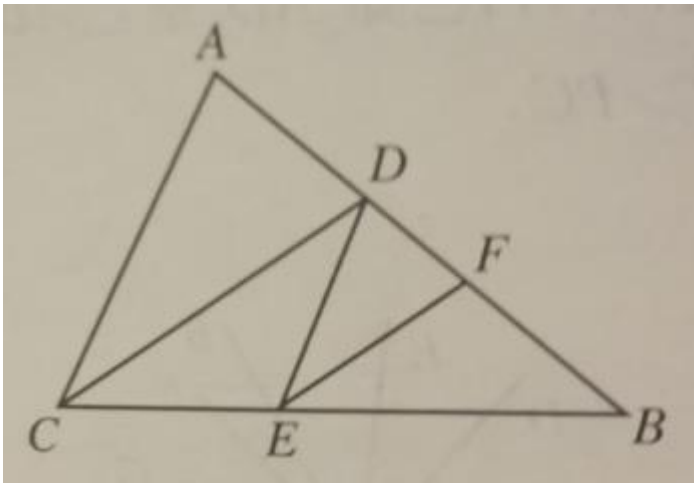
Example 200 : As shown in Figure 1 , it is known that CD bisects $\angle ACB, AC // DE, CD // EF$. Prove: EF bisects $\angle DEB$.



Proof: $\dfrac{\dfrac{E-D}{E-F}}{\dfrac{E-F}{C-B}}=\dfrac{\dfrac{C-A}{C-D}}{\dfrac{C-D}{C-B}}\dfrac{E-D}{C-A}\left(\dfrac{C-D}{E-F}\right)^2$,