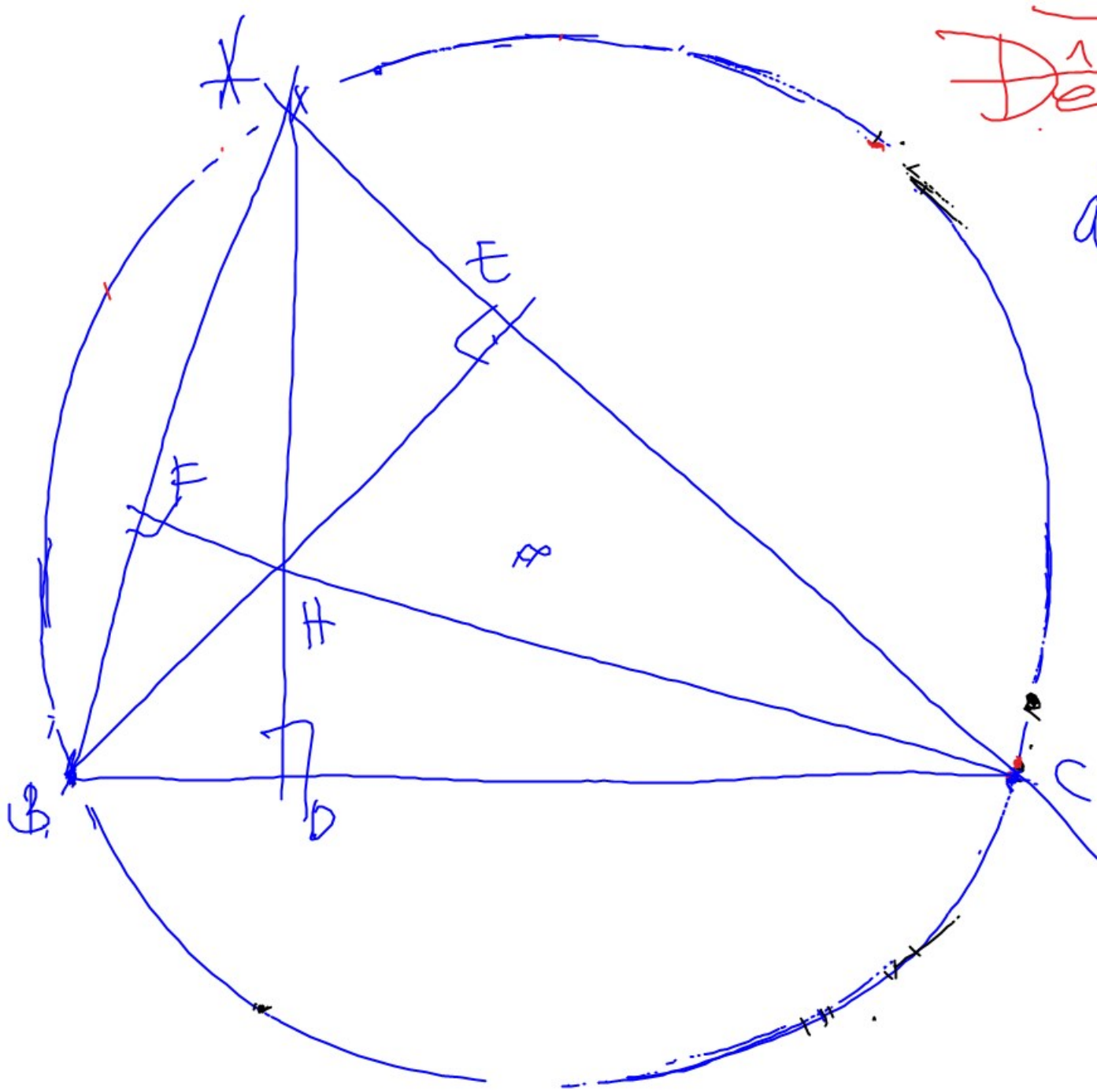
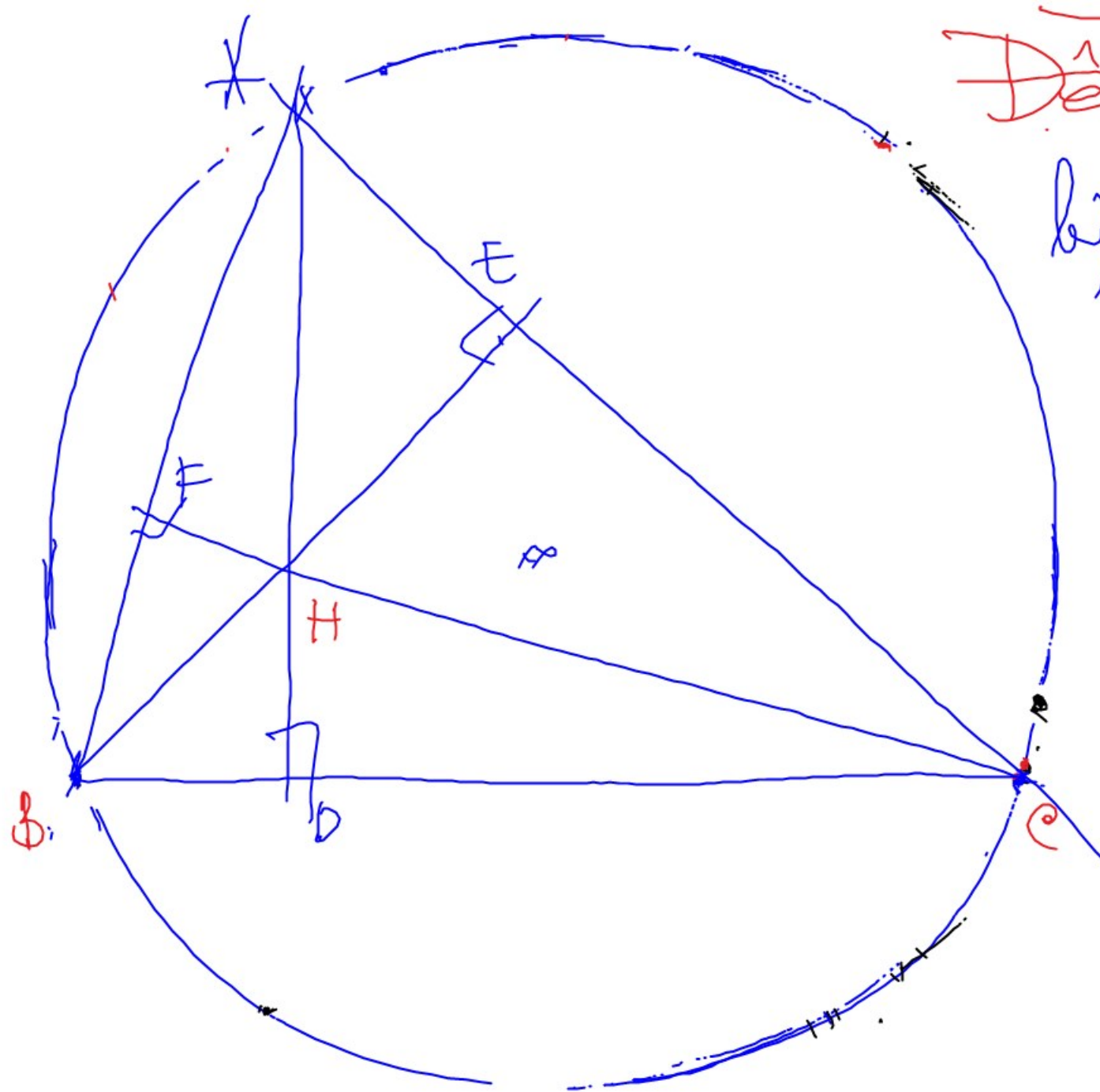


Đề 2 Trang 62

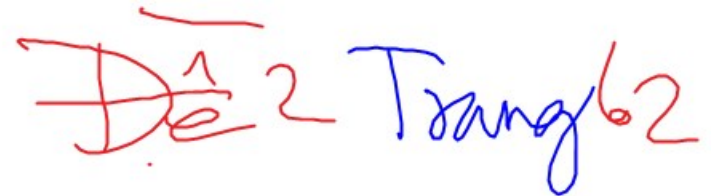
a) Cm $BDEC$, $DHCE$ nội tiếp



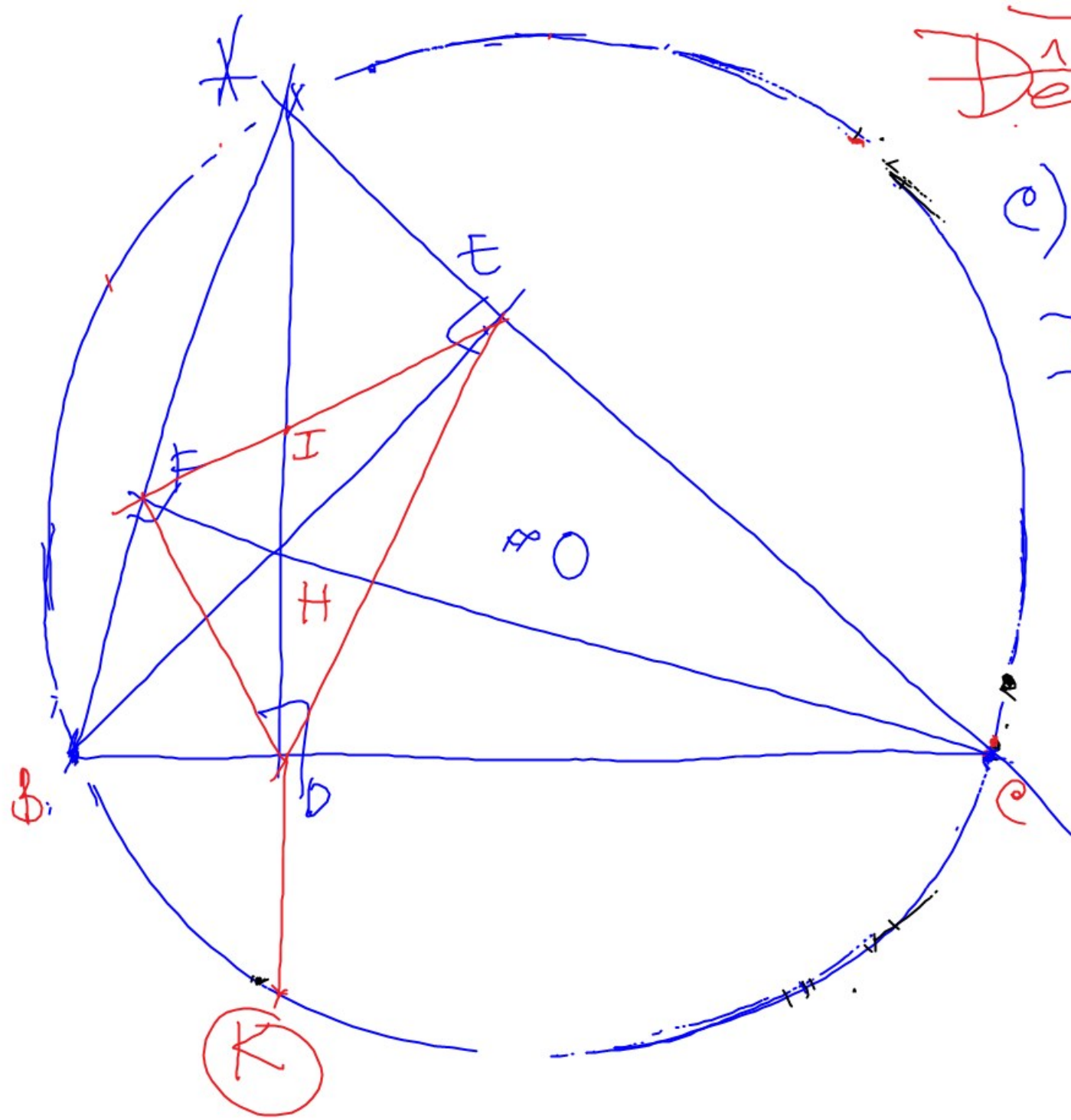


Đề 2 Trang 62

b) $C/m AB, AF = AC, AE$



$$IH, AD = AI, DH.$$



Đề 2 Trang 62

c) $\forall m IH \cdot AD = AI \cdot DH$ nhớ

$$IH \cdot IE = IH \cdot IA$$

(O) $\angle DHE, BFE$

$\triangle ABC$

$\triangle AEB \sim \triangle AFC$

$$HD \cdot AD = HD \cdot (AH - DH)$$

$$= \underbrace{(HD \cdot AH)}_{\text{c}} - \underbrace{(HD \cdot DH)}_{\text{c}}$$

$$\frac{IH}{DH} = \frac{AI}{AD} = \frac{AH}{AD + DH}$$

\Rightarrow

$$IH \cdot AD = AI \cdot DH$$

$AD + DH$

(AK)