

Hyper facet

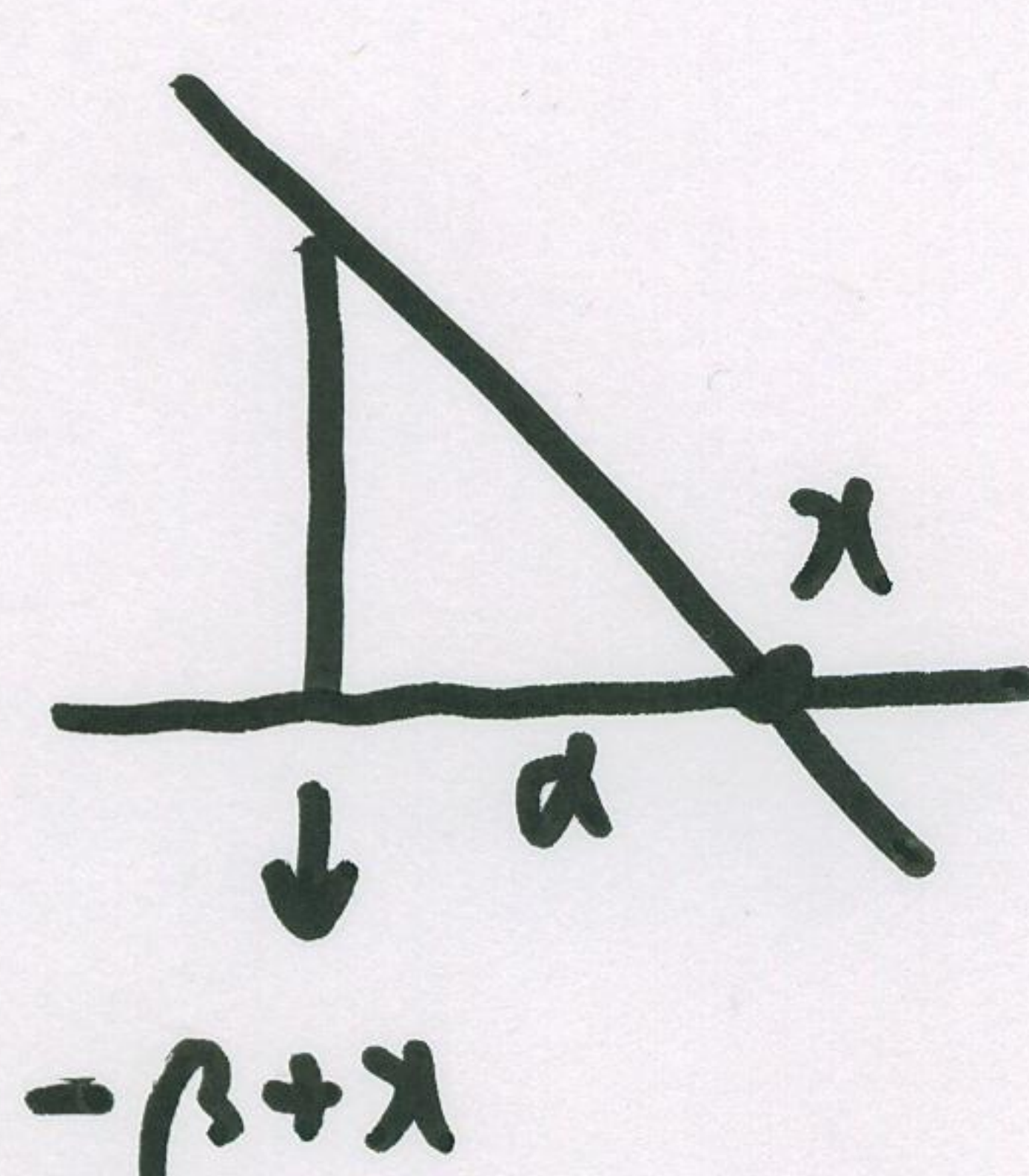
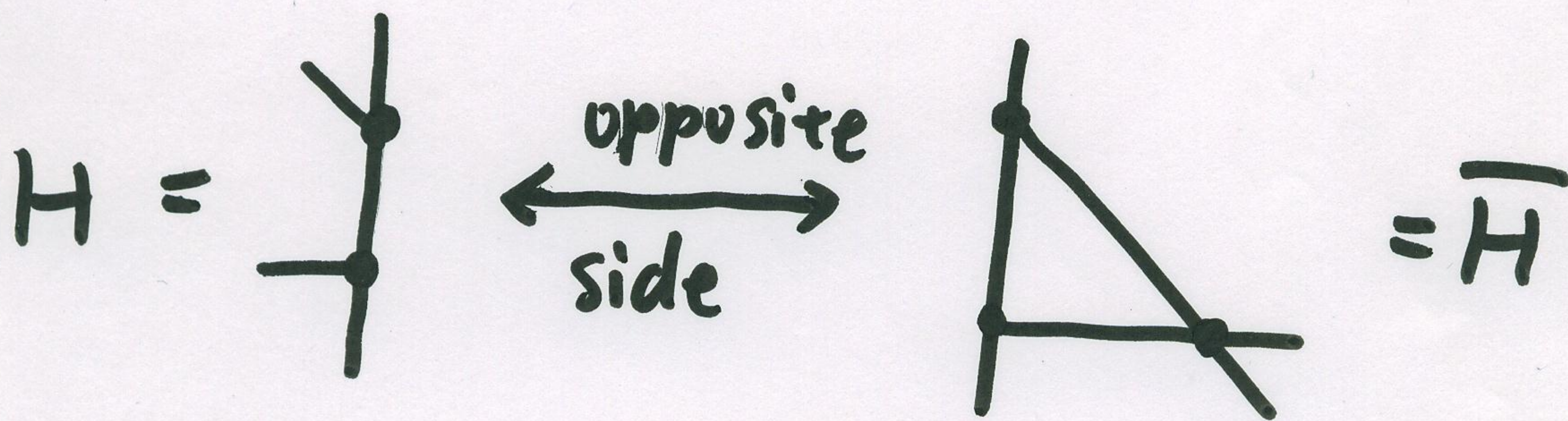
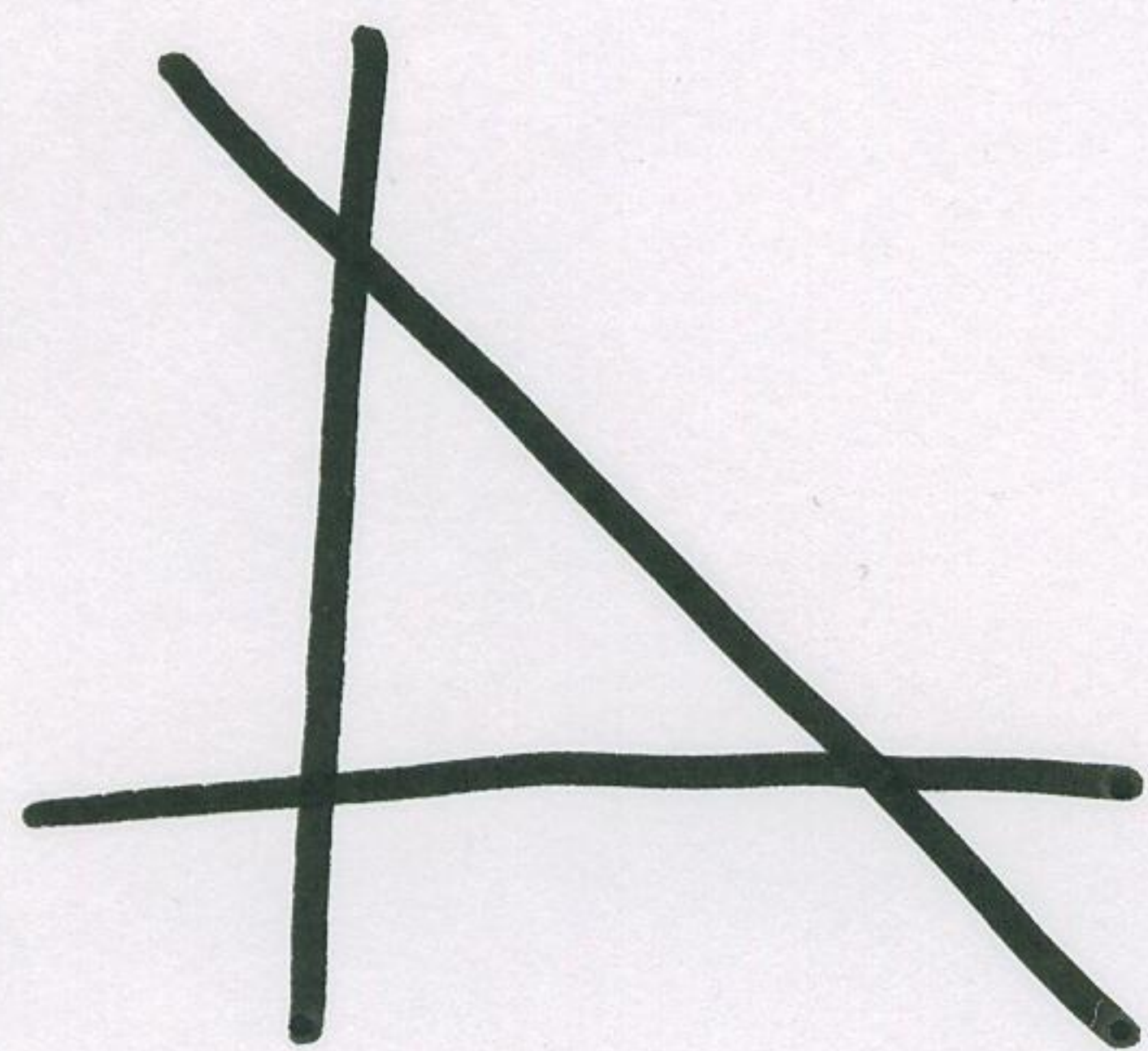
$$H \subset \Gamma: \# \cancel{E_p^H} = 2n \text{ or } 2n-1$$

$$\theta_{pq}^\Gamma|_H = \theta_{pq}^H: E_p^H \xrightarrow[\text{on } H]{1:1} \overline{E_q^H} \quad (\#E_p^H = \#E_q^H)$$

$$\theta_{pq}^H: E_p^H \hookrightarrow E_q^H \quad (\#E_p^H < \#E_q^H)$$

$$\left(\begin{array}{l} \text{s.t. } \alpha(e) - \lambda \equiv 0 \pmod{\alpha(pq)} \\ e \in E_p^\Gamma - E_p^H \end{array} \right)$$

E.g.



} not hyper facet