

$$\bar{h} \times \bar{k} = \frac{h:k}{h \in \bar{h}: k \in \bar{k}} \text{ metric space}$$

$$\underline{h|h'} \vee \underline{k|k'} \leq \underline{h:k} | \underline{h':k'} \leq h|h' + k|k'$$

