

14.斜角座標化

取 $A(0, 20)$, $B(0, 0)$, $C(15, 0)$, $D(0, 15)$, $E(5, 0)$, $F(6, 12)$, $G(9, 8)$, $H(10, 10)$

$$\overrightarrow{BH}=(10,10)$$

$$\overrightarrow{BA}=(0,20)$$

$$\overrightarrow{BC}=(15,0)$$

$$(10,10)=\frac{1}{2}(0,20)+\frac{2}{3}(15,0)$$

$$(\alpha, \beta)=\left(\frac{1}{2}, \frac{2}{3}\right)$$