

0-1: ~~0-1~~  $\tan \theta \leq \left( \frac{x}{y-y} \right)$

$(x + y \tan \theta, 0) \quad (x - (y-y) \tan \theta, y)$

1-2:  $\frac{x}{y-y} < \theta \leq \frac{x-x}{y}$

$(x + y \tan \theta, 0) \quad (0, y + x \cot \theta)$

2-3:  $\frac{x-x}{y} < \theta < 90^\circ$

$(x, y - (x-x) \cot \theta) \quad (0, y + x \cot \theta)$

3:  $\theta = 90^\circ : (x, y) \quad (0, y)$

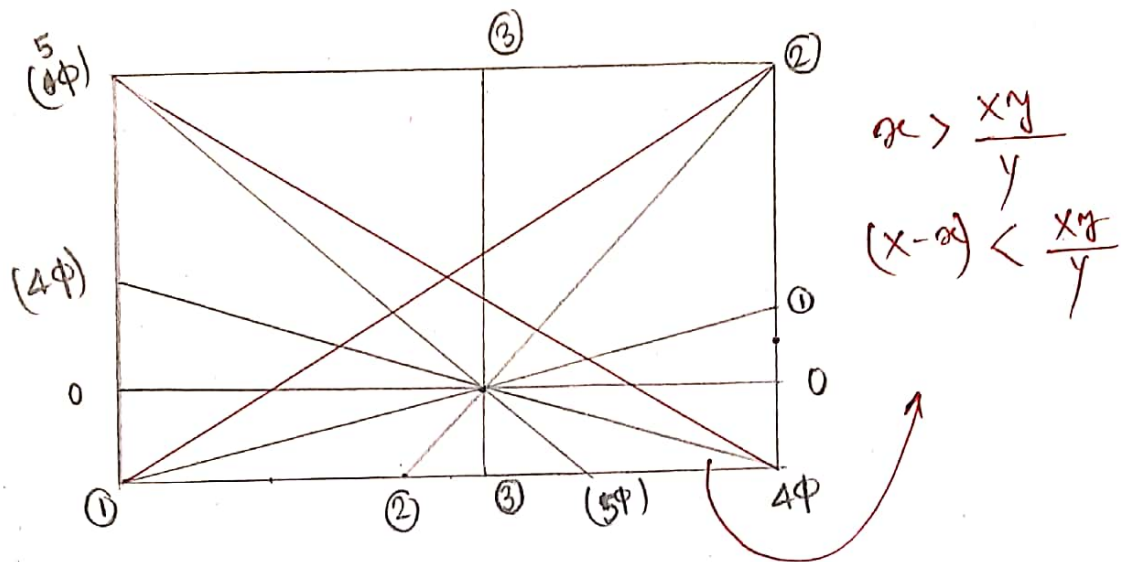
3-4φ:  $\tan \phi \leq \left( \frac{x-x}{y-y} \right)$

$(x + (y-y) \tan \phi, y) \quad (x - y \tan \phi, 0)$

4φ-5φ:  $\frac{x-x}{y-y} < \tan \phi \leq \frac{x}{y}$

$(x - y \tan \phi, 0) \quad (x, y + (x-x) \cot \phi)$

5φ-after:  $\frac{x}{y} < \phi < 90^\circ : (0, y - x \cot \phi) \quad (x, y + (x-x) \cot \phi)$



(0-1):  $\tan \theta \leq \frac{(x-a)}{y}$

$(x + y \tan \theta, 0) (x - (y-y) \tan \theta, y)$

(1-2):  $\frac{x-a}{y} < \tan \theta \leq \frac{a}{y-y}$

$(x, y - (x-a) \cot \theta) (a - (y-y) \tan \theta, y)$

(2-3):  $\frac{a}{y-y} < \tan \theta \leq \tan(89.5^\circ)$

$(x, y - (x-a) \cot \theta) (0, y + a \cot \theta)$

3:  $\theta = 90^\circ (x, y) (0, y)$

3-4φ:  $\tan \phi \leq \frac{(x-a)}{(y-y)}$

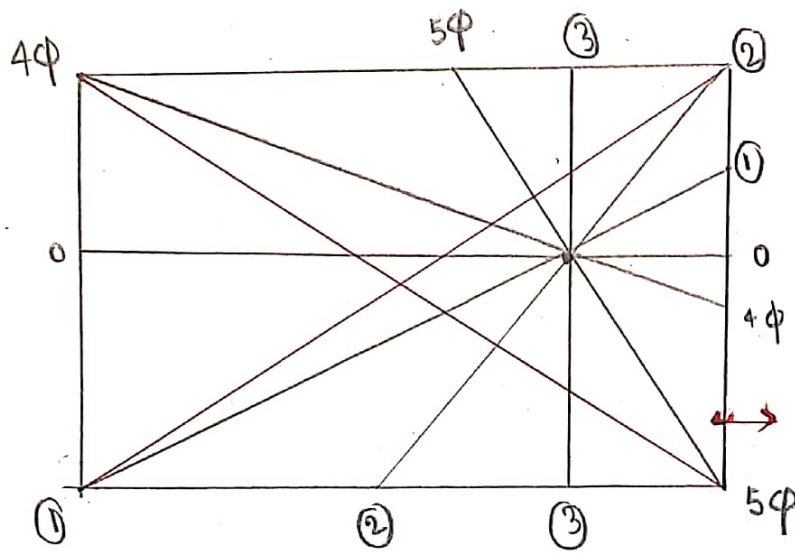
$(a - y \tan \phi, 0) (a + (y-y) \tan \phi, y)$

4φ-5φ:  $\frac{x-a}{y-y} < \tan \phi \leq \frac{a}{y}$

$(a - y \tan \phi, 0) (x, y + (x-a) \cot \phi)$

>5φ:  $\frac{a}{y} < \tan \phi$

$(0, y - a \cot \phi) (x, y + (x-a) \cot \phi)$



$$x < \frac{x\gamma}{\gamma}$$

$$(x-\alpha) < \frac{x\gamma}{\gamma}$$

$$\underline{0-1} \quad \tan \theta \leq \frac{x-\alpha}{\gamma}$$

$$(x+\gamma \tan \theta, 0) \quad (x-(\gamma-\gamma) \tan \theta, \gamma)$$

$$\underline{1-2} \quad \frac{x-\alpha}{\gamma} < \tan \theta \leq \frac{\alpha}{\gamma-\gamma}$$

$$(x, \gamma-(x-\alpha) \cot \theta) \quad (x-(\gamma-\gamma) \tan \theta, \gamma)$$

$$\underline{2-3} \quad \frac{\alpha}{\gamma-\gamma} < \tan \theta \leq \tan(89.5^\circ)$$

$$(x, \gamma-(x-\alpha) \cot \theta) \quad (0, \gamma+x \cot \theta)$$

$$\underline{3} \quad \theta = 90^\circ : (x, \gamma) \quad (0, \gamma)$$

$$\underline{0-4\phi} : \tan \phi \leq \frac{\alpha}{\gamma}$$

$$(x-\gamma \tan \phi, 0) \quad (x, \gamma+(x-\alpha) \cot \phi)$$

$$x+(\gamma-\gamma) \tan \phi, \gamma$$

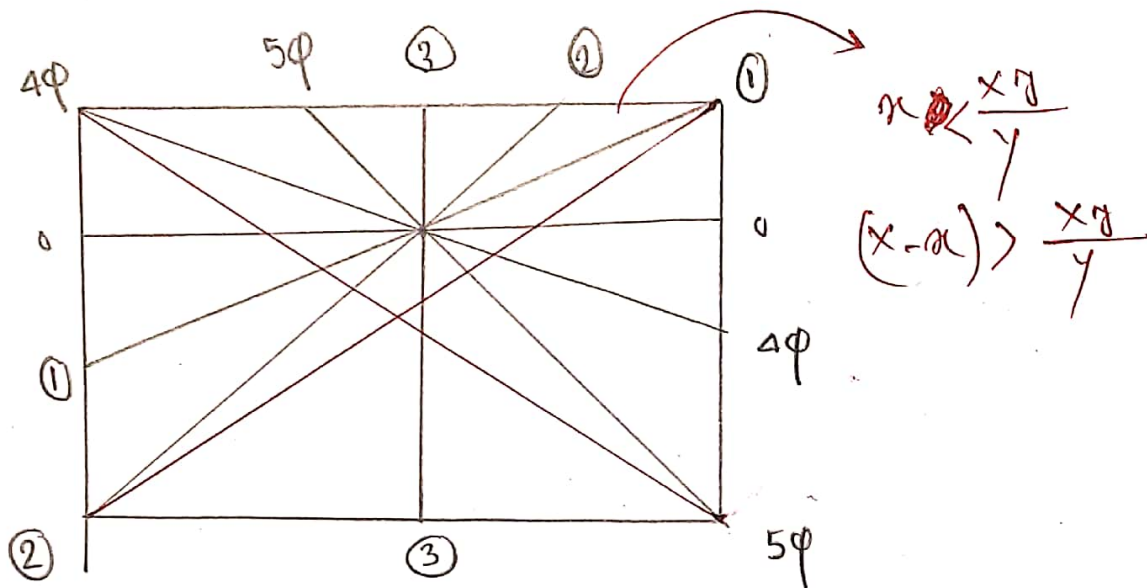
$$\underline{4\phi-5\phi} \quad \frac{\alpha}{\gamma} < \tan \phi \leq \left( \frac{x-\alpha}{\gamma-\gamma} \right)$$

$$(0, \gamma-x \cot \phi) \quad (x+(\gamma-\gamma) \tan \phi, \gamma)$$

$$\underline{\geq 5\phi} \quad \frac{x-\alpha}{\gamma-\gamma} < \tan \phi$$

$$(0, \gamma-x \cot \phi) \quad (x, \gamma+(x-\alpha) \cot \phi)$$





$$\underline{0-1} \quad \tan \theta \leq \left( \frac{x}{y-y} \right)$$

$$(x + y \tan \theta, 0) (x - (y-y) \tan \theta, y)$$

$$\underline{1-2} \quad \frac{x}{y-y} \leq \tan \theta \leq \left( \frac{x-x}{y} \right)$$

$$(x + y \tan \theta, 0) (0, y + x \cot \theta)$$

$$\underline{2-3} \quad \frac{x-x}{y} < \tan \theta \leq \tan(90.5^\circ)$$

$$(x, y - (x-x) \cot \theta) (0, y + x \cot \theta)$$

$$\underline{3} \quad \theta = 90^\circ: (x, y) (0, y)$$

$$\underline{0-4\phi} \quad \tan \phi \leq \frac{x}{y}$$

$$(x - y \tan \phi, 0) (x + (y-y) \tan \phi, y)$$

$$\underline{4\phi-5\phi} \quad \frac{x}{y} < \tan \phi \leq \left( \frac{x-x}{y-y} \right)$$

$$(0, y - x \cot \phi) (x + (y-y) \tan \phi, y)$$

$$\underline{\geq 5\phi} \quad \frac{x-x}{y-y} < \tan \phi$$

$$(0, y - x \cot \phi) (x, y + (x-x) \cot \phi)$$