



→  $\text{Code}(P_1) = 0001$

→  $\text{Code}(P_2) = 0010$

→ First test :

$$\text{code}(P_1) \mid \text{code}(P_2) = 0011$$

→ no conclusion

→ Second test :

$$\text{code}(P_1) \& \text{code}(P_2) = 0000$$

→ intersect

→ replace  $P_1$ ,  $P_2$  with new points.

Here,  $\text{Code}(P_1) = 0001$        $\therefore \text{Bit } 4 = 1$

So the line is intersect with  $X_{\min}$

$$x = X_{\min} = 30$$

$$\therefore y = y_0 + \frac{x - x_0}{x_1 - x_0} (y_1 - y_0)$$