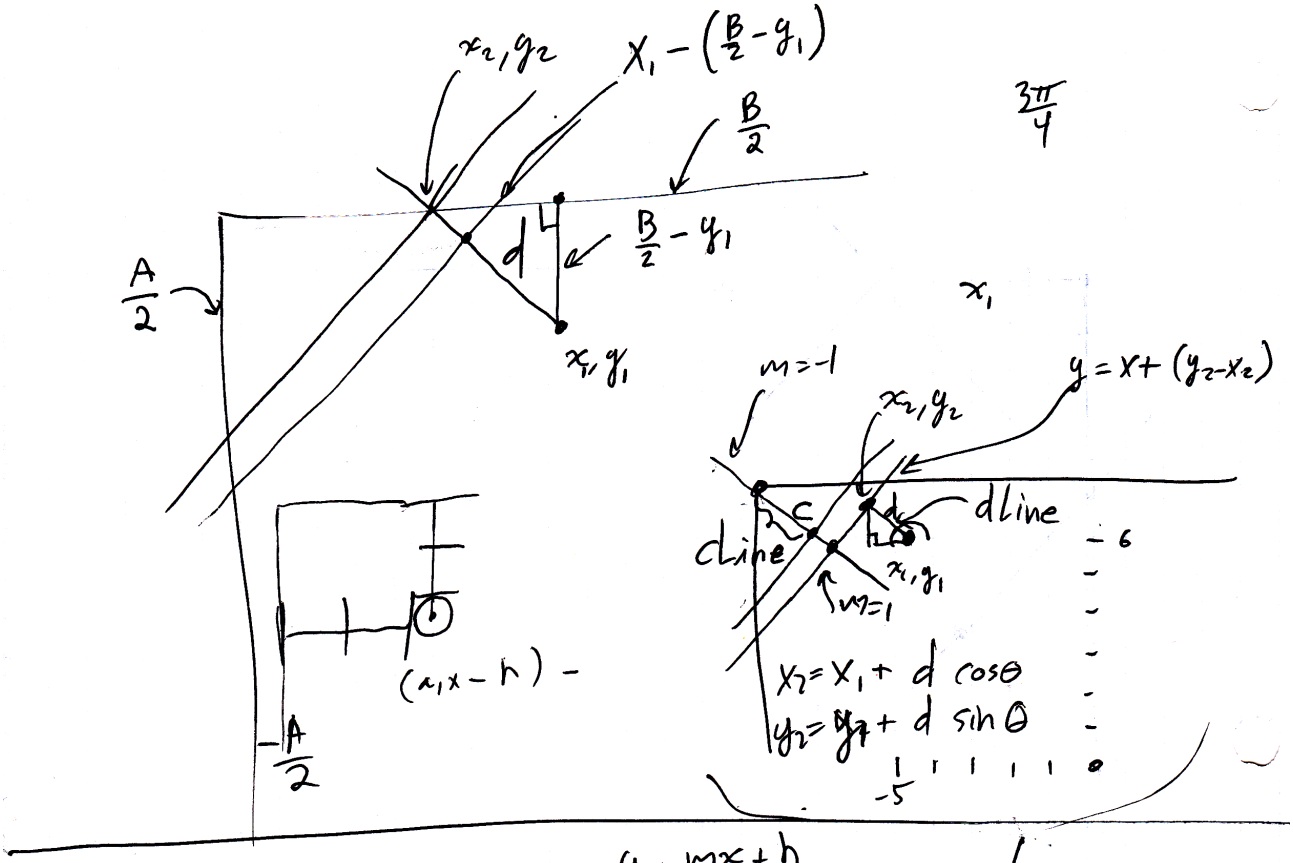
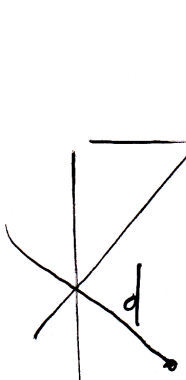


$y = mx + b$

$y_2 = x_2 + b$

$b = y_2 - x_2$

x_2, y_2 is END OF cline or dLine



$$\begin{cases} y = x + (y_2 - x_2) \rightarrow \text{LEFT SIDE} \\ x = y - (y_2 - x_2) \Rightarrow \text{TOP SIDE} \end{cases}$$

$$\begin{cases} x_2 = x_1 + d\cos\frac{3\pi}{4} \\ y_2 = y_1 + d\sin\frac{3\pi}{4} \end{cases}$$

MUST BE INSIDE

$x_2 > \frac{A}{2}$

$y_2 < \frac{B}{2}$