



y = status perampung
 x = level [cm]

$y = 1 \rightarrow$ Katup
 terbuka
 penuh

$y = 0 \rightarrow$ Katup
 tertutup
 penuh

$$x \leq h-10 \rightarrow y = 1$$

$$x \geq h-1 \rightarrow y = 0$$

$$h-10 < x < h-1 \rightarrow y =$$

$$-\frac{1}{g}x + \frac{h-1}{g}$$

persamaan garis:

$$\frac{y - y_A}{y_B - y_A} = \frac{x - x_A}{x_B - x_A}$$

$$\frac{y-1}{0-1} = \frac{x-(h-10)}{h-1-(h-10)}$$

$$-y+1 = \frac{x-h+10}{x-h+10}$$

$$y = 1 - (x-h+10)/g$$

$$= -\frac{1}{g}x + \frac{h}{g} - \frac{10}{g}$$