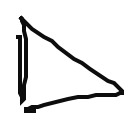
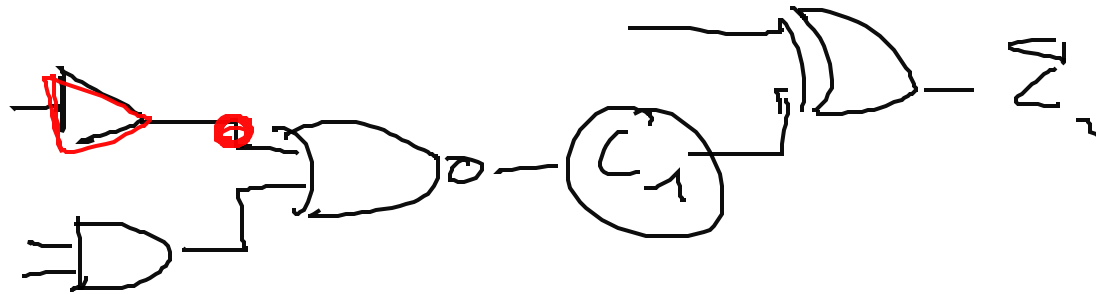


 = Inverseur

 = porte oui = buffer ou Tampon

Situation de C_1



$$C_0 = 0$$

$$C_n = \overline{a_n \cdot b_n} + \overline{a_n + b_n}$$

$$= \overline{(a_n \cdot b_n)} \cdot \overline{(a_n + b_n)}$$

$$C_0 = 1$$

$$C_n = a_n + b_n + 0 = a_n + b_n$$

$$C_n = (a_n \cdot b_n) + (a_n + b_n) + (a_n + b_n)$$

$$= (a_n + b_n) \left[\underbrace{(a_n \cdot b_n) + 1}_{= 1} \right] \dots = a_n + b_n$$