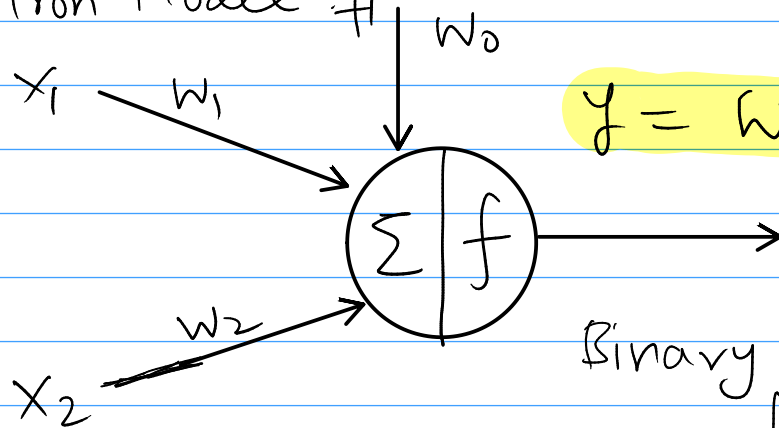
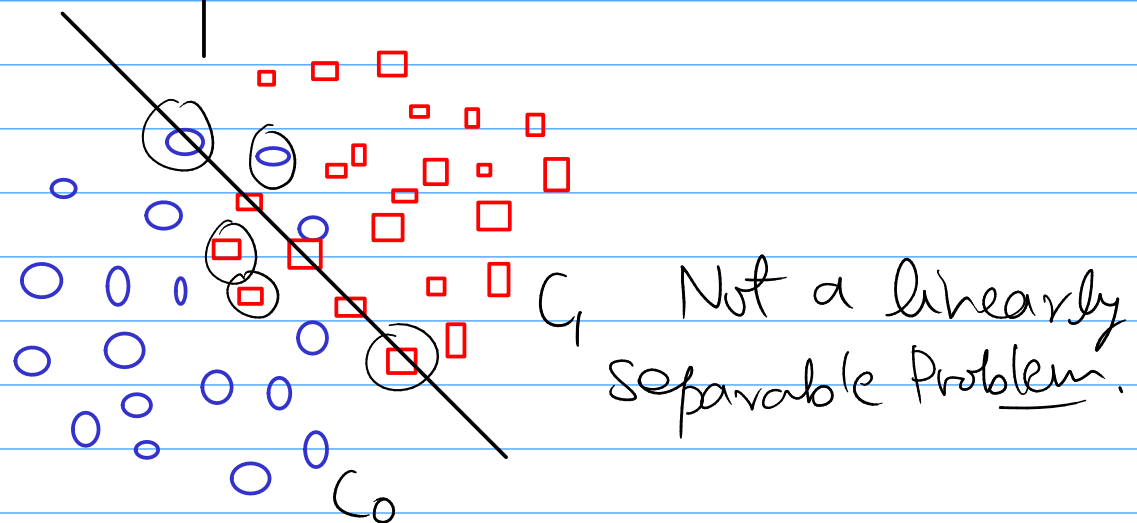
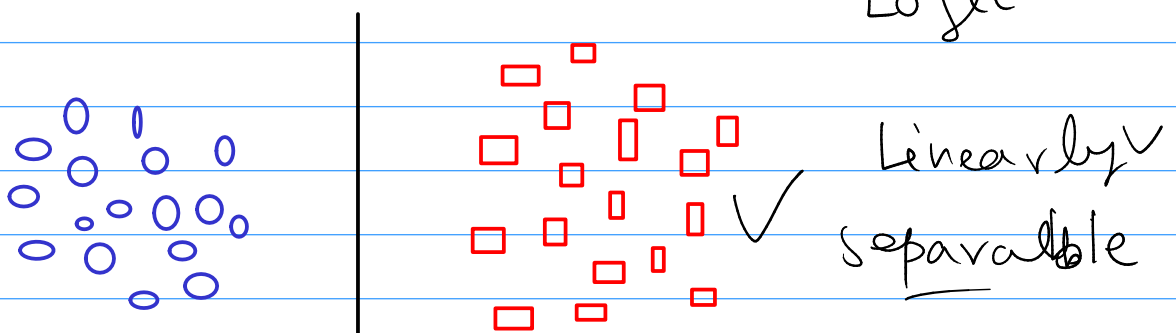


Perceptron Model :-



$$y = w_1 x_1 + w_2 x_2 + w_0$$



$$w_{n+1} = w_n - x_n \text{ if } y \geq 0 \text{ \& out} = 0$$

$$w_{n+1} = w_n + \underline{x_n} \text{ if } \underline{y} \leq 0 \text{ \& out} = \underline{1}$$