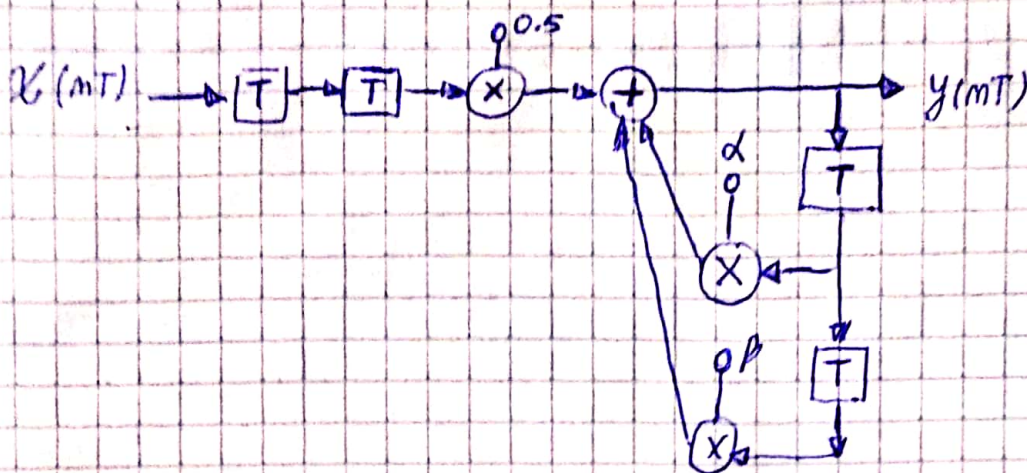


9)

a) $\alpha = 1$ $\beta = -\frac{1}{2}$

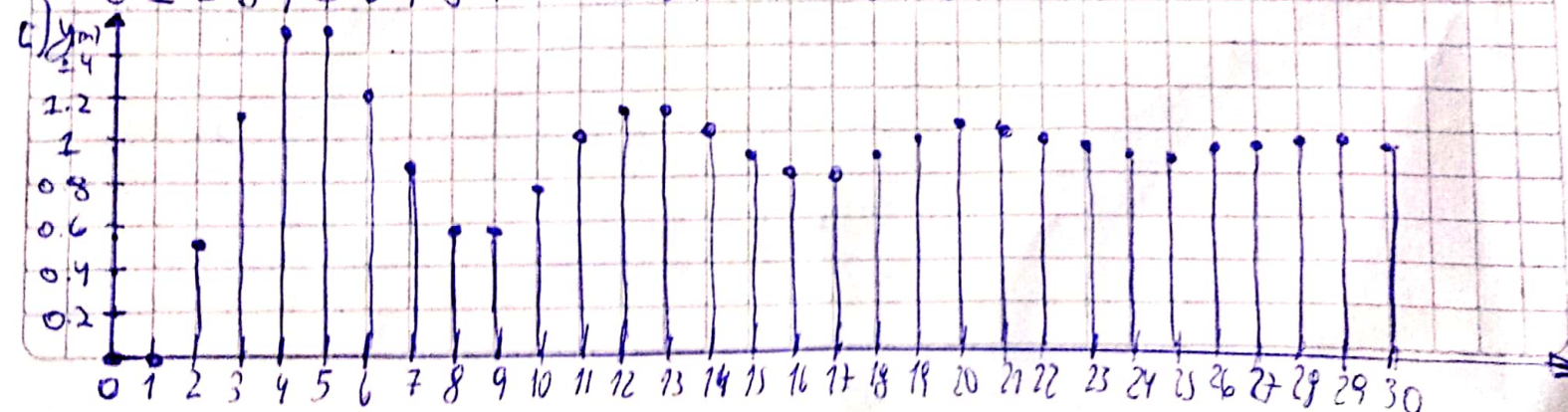
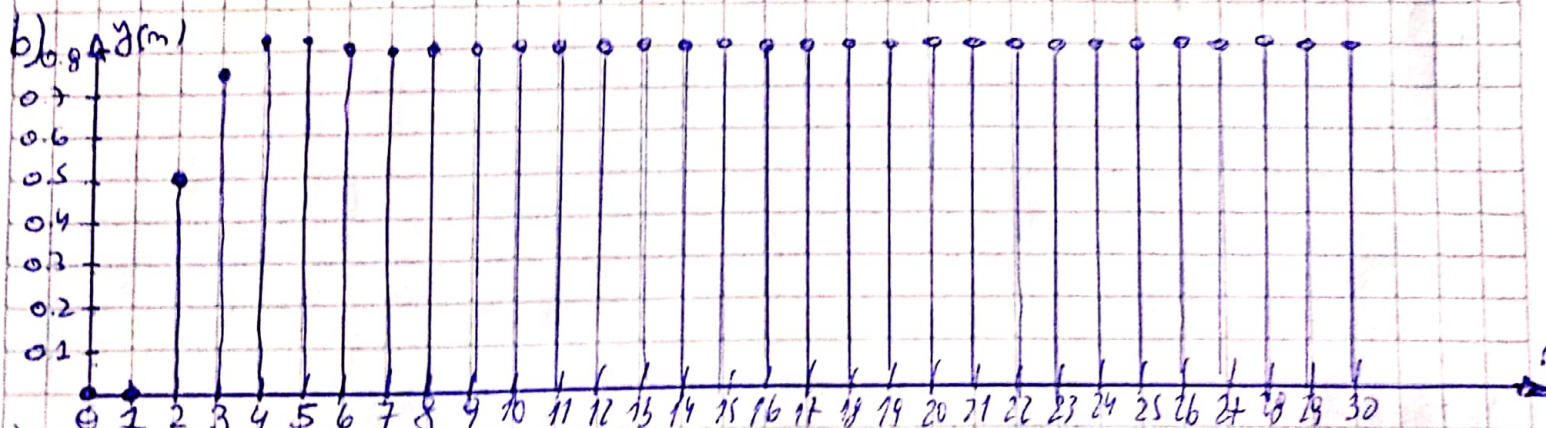
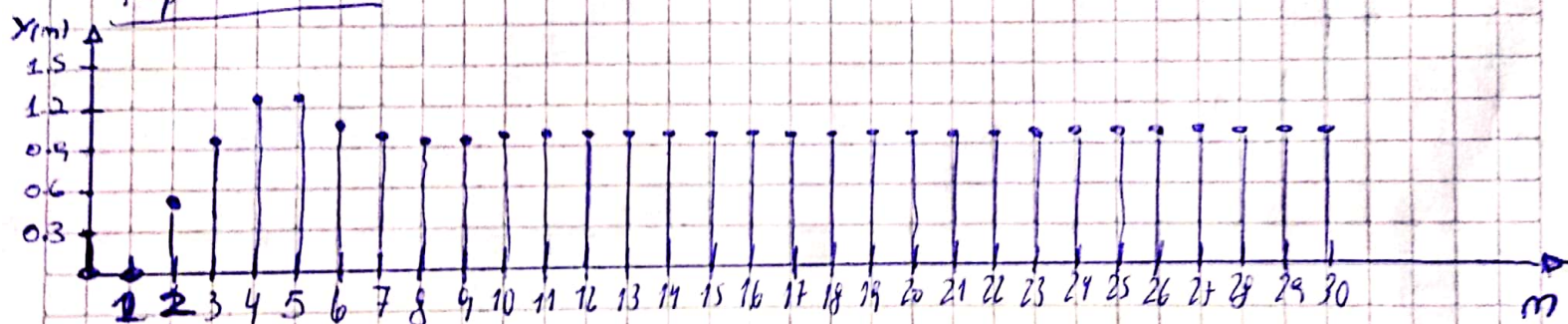
b) $\alpha = \frac{1}{2}$ $\beta = -\frac{1}{8}$

c) $\alpha = \frac{5}{4}$ $\beta = -\frac{25}{32}$



$$y(mT) = \alpha y(mT-T) + \beta y(mT-2T) + 0.5x(mT-2T)$$

a) Resp al escalon



2) Resp. al impulso

