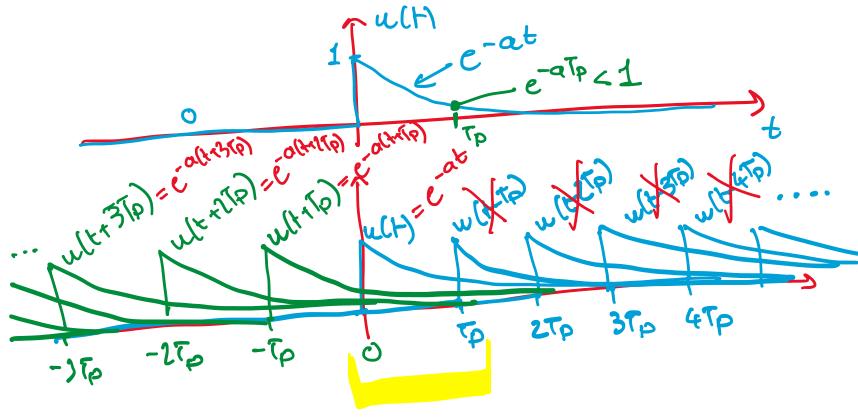
Wednesday, 6 March 2024

ES1 TROUBRE S(H) = 2ep_ w(t) con



SCEQUEUD IL PERIODO

$$\begin{array}{ll}
t \in (0, TP) \\
 & -a \cdot (t - nTP) \\
 & + (-a \cdot (t - nTP))
\end{array}$$

$$5(+) = \sum_{m=-\infty}^{\infty} u(t) + (nTP) e^{-at} \cdot (t - nTP)$$

$$= e^{-at} \sum_{m=-\infty}^{\infty} e^{aTp \cdot n}$$

$$= e^{-at} \sum_{m=-\infty}^{\infty} m = -n$$

$$= e^{-at} \stackrel{\text{form}}{=} 2^m$$

$$0 < d = e^{-aTp} < 1$$

$$m = 0$$

$$= \frac{e^{-\alpha t}}{1 - e^{-\alpha t}}$$

ES CLICOULLE AS, MS, ES, PS PER ILSEGNALE

$$S(n) = (V_2)^n \cdot 1_0(n)$$

$$\frac{1}{\sqrt{2}} \frac{1}{\sqrt{2}} \frac{1}{$$

$$A_{3} = \sum_{m=-\infty}^{+\infty} s^{m} \left(\frac{1}{2}\right)^{m} = \frac{1}{1 - \frac{1}{2}} = \frac{2}{1 - \frac{1}{2}}$$

$$|S(n)|^{2} = |(2)^{n} \cdot |o(n)|^{2} = |(2)^{n}|^{2} \cdot |1o(n)|^{2}$$

$$= (\frac{1}{4})^{n} \cdot |o(n)|^{2} = |(2)^{n}|^{2} \cdot |1o(n)|^{2}$$

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$$= \frac{1}{2} \sum_{n=1}^{\infty} \frac{1}{4} \sum_{n=1}^{\infty} \frac{$$