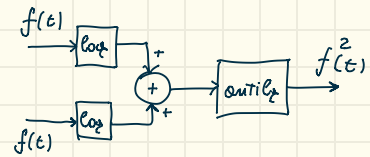


CIRCUITO TRMS ELETTRONICO

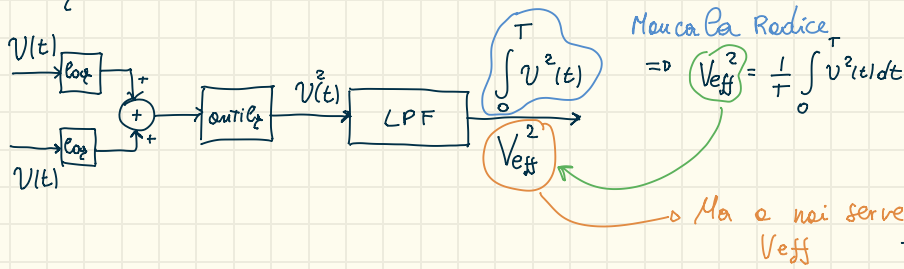
$$V_{EFF} = \sqrt{\frac{1}{T} \int_0^T f^2(x) dx}$$

~



1) USO i log perché: $\log(a^2) = 2 \log(a) = \log(a) + \log(a)$ ~ $f^2(t) =$

2) Devo integrare \rightarrow LPF



\rightarrow dividiamo per V_{eff} ovvero
 sottraiamo $\log(V_{eff})$ perché
 $-\log(a) = \log(a^{-1}) = \log\left(\frac{1}{a}\right)$

3) Sottraggo $\log(V_{eff})$

