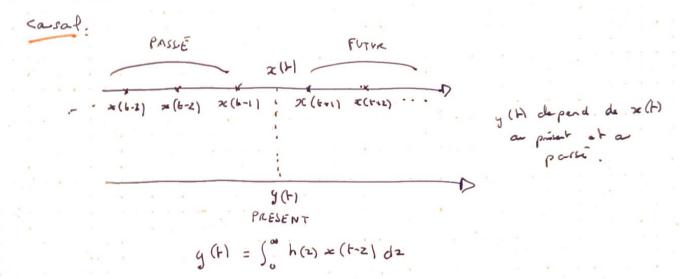
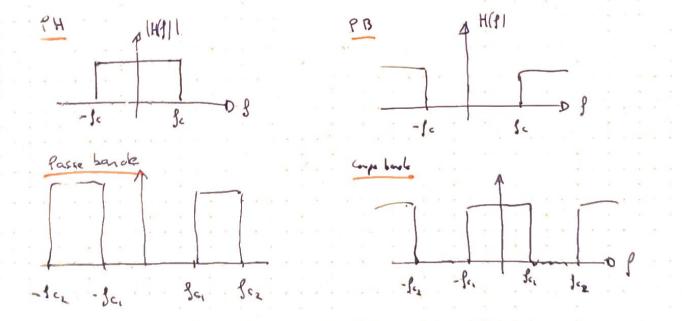
un FL est réalisable physiquement silest stable et causal

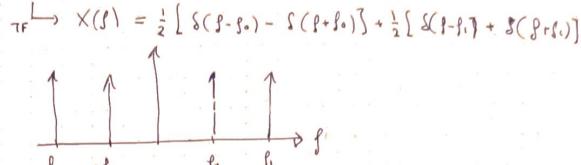
stable: entré bonné souhe souhe bonné 1x(t) | < M  $| y(t) | \le \int |h(z)| |x(t-z)| dz \le M \int |h(z)| dz$ 



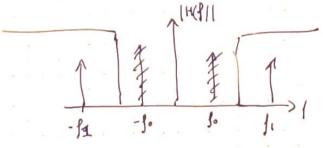
Filtre Passe-bas , Pesse-hent, passe-bande, coupe-bande



$$z(t) = cor(2\pi f_0 t) + cor(2\pi f_1 t)$$



filhe base bas à 2500 Hz



Sill- c- pe bande Sc, = 2500 Hz Scz = 6000 Hz

