

HOUA Nº  $\mu(s)|_{0} = 1 = \frac{k(3^{2})}{1} \Rightarrow k = \frac{1}{9}$ H(3)= -> Pyz 2/tog S = = 1 = 10 (8).  $H(s) = \frac{1}{9} \frac{(s^2 + 9)}{(s^2 + 1)(s^2 + s^2 + 7)}$  $= \frac{1}{9} \frac{(1+5^2)5}{(1+5)(1+5+5^2)}$  $H(S) = \frac{S(S+1/9)}{(S+1)(1+S+S^2)}$ Dizgrama de polos y ceros: d= 1/3 TT . 1 NOTA





