4/6/2009 Analise de sistemas no Rominio des Frequencias. G(5) 1+ G(6). H(5) 1 + G(s) H(s) =0 G(s). H(s) = -1 1-11=1 =0 20 log 111=0 dB. 300 -1 = 180°. K G(s) 1+ K G(s). H(s) what am & doing here. >> calcular Mangem geenho. >> coel colar Mergem de jose. 1 d) G(s) = 10 (5 (5 + 0, 45 + 4) = 1 . 10 · 1 5 * + 945+4 $\frac{1}{5} \times 2,5 \times \frac{4}{5^2 + 0,45 + 4}$ $\frac{1}{5} \times 2,5 \times \frac{1}{5} \times 2,5 \times \frac{1}{5^2 + 0,15 + 1}$ 8 LSO, M = 3002 = (13.02 LB)

20 100 10 (2,5) = 7,959 5 = D codBpos 14,02dB 7,96 20 100 0,1012 W -20 TradB/der -40 -60 1+ K GG) HG) W Somer Lopin Jon 28 co, = 0,4 (=) & = 0,4 = 0,1 € <0,707 Resoncentic w/zwy J1-2827 = 1,99 rod/s M, = = 5,025 =014,02dB