CMC-12: Lista 9 Lucas do Vale Bezerra Q_1 G(n) = 10(n-1) = 10(n-1)(n+2)(n+3) n^2+5n+6 $G(j\omega) = \frac{100(j\omega - 1)}{-\omega^2 + 6 + 5j\omega} = \frac{1000(\omega^2 + 1)}{6(\omega^2 - 1) + j(\omega^2 - 11\omega)}$ Cruzamentos ~ Re{64=0 ~ W=1 ~ 6(Jw) | = 1 = 2 J/ -> lm |64 = 0 -> w= VII -> 6(Jw) |w= 111 = 2/ ·w=0: /6(jw) = = 2 (6(jw) = 180° · w > 00: /6(yw) = 0 e 26(yw) = - 180° 1 m (6(5w)40 P=0] Re & G (yw) } => K 5 = 0,6

