=GLM03 27/4/2016 G(5) = (5+4) (5+11) Closed-Loop poles to be S= ~10 t 1/0 dc(s)= (s+10+j10)(s+10-j10) = 32+10s-j10s 4 105 - 1100 + 100 1105 + 100 + 100 $= 5^2 + 20s + 200$ G(S) = 25+ 123 + 44 2 - 15 -4 df x + [] u

A-BL

$$(c_1) = S^2 + (1S^2 + k_1)S + (44 + k_2) = 0$$

52 + 200 + 200

