Lecture 6 Time delay: Transport delay Tol= 5 Second order + GCS) = 10 (S+2) (S+10) Design a Control system with PM 450 a) Without smith prediction -> Plat matlab P-control -135° -> 0.7dB 20 Logio(K) = 0.7dB -> ca 1 b) with smith prediction Plat 6(s) matlab -135°->-21.2 dB 11.48' Put into System function K 6(5)-e-ST 1 (Notin Mode) 1 + K.6(5) Plat Step response