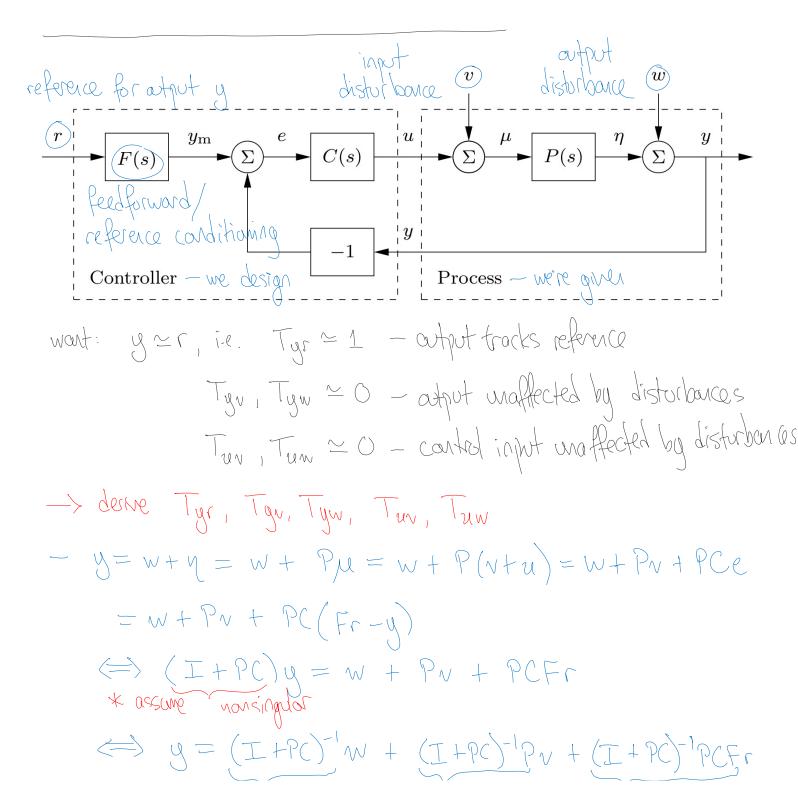
tradeoffs

goal: performance tradeoffs & fundamental limits

refs: Astron & Murray Ch 12 (SISO case) [AM] Zhou, Dayle, Glaver Ch 6 (MIMO case) [ZDG]



MIMO systems Page

C = R  $\leftarrow$  proportional control

then Bale plots
of  $S = T_{gw}$   $\leq T = T_{uv}$   $constant = T_{uv}$  con

\* this is one example of a fundamental tradeoff that exists between competing performance specifications