steady.exe   Exercises for Chapter steady
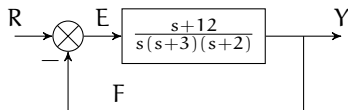
Exercise steady.hypnomancy

If a control system responds to a command $r(t) = 1$ such that its output $y(t)$ quickly settles near 0.95, what can be said about the control system's stability, steady-state response, and transient response?

Exercise steady.nap

Given the system show below with an input $u(t) = 0.2tu_s(t)$, find:

_____/10 p.

1. the system type,
2. the correct static error constant, and
3. the steady state error.