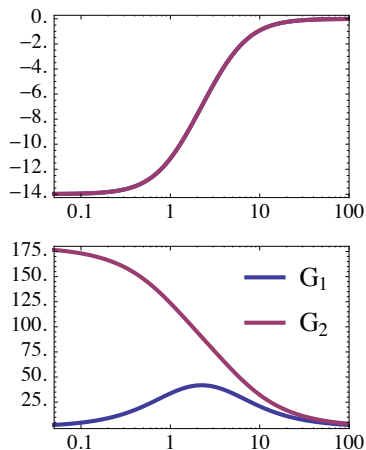


## Minimum-Phase and Nonminimum-Phase Zeros



Among all transfer functions with the same magnitude plot, the one with only LHP zeros has the minimal net phase change as  $\omega$  goes from 0 to  $\infty$  — hence the term *minimum-phase* for LHP zeros.