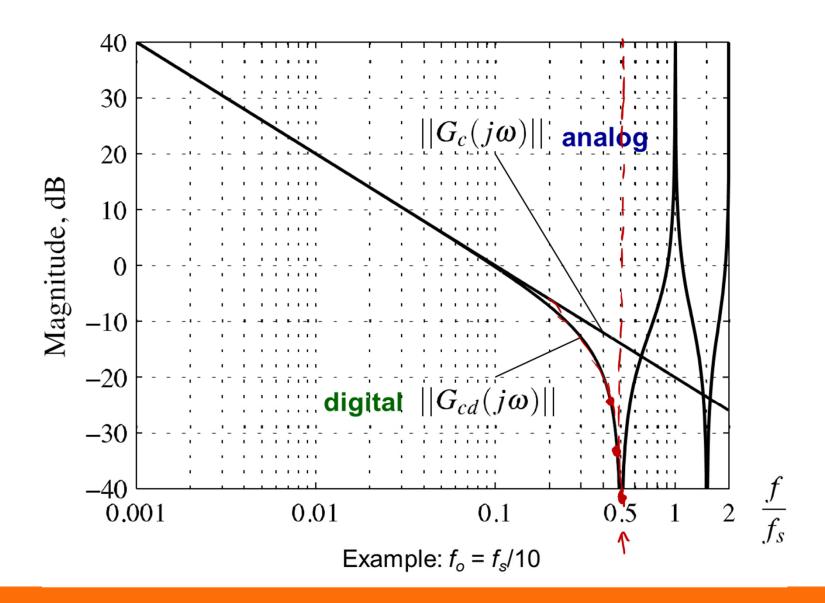
Integrator Frequency Response Comparison

Magnitude comparison



DT Natural Response

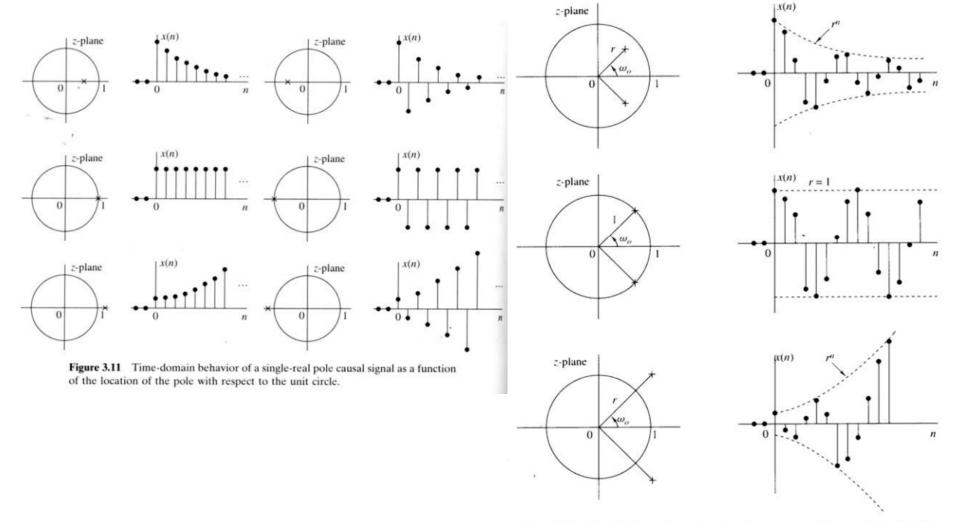
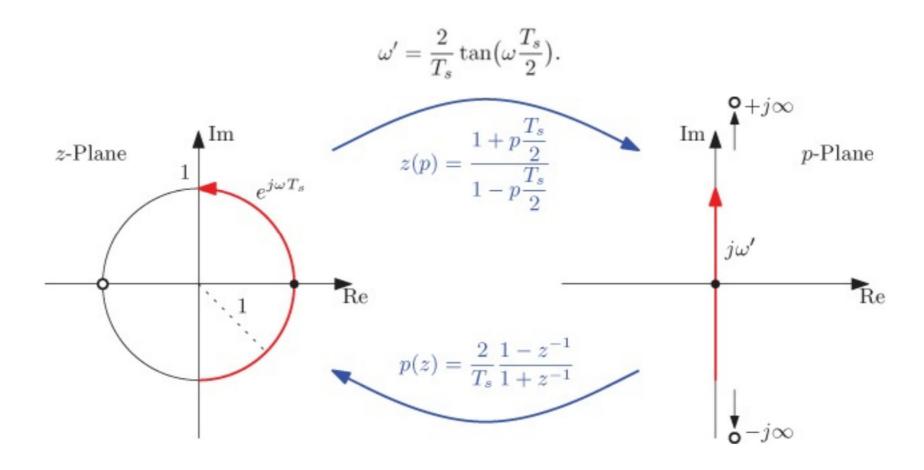


Figure 3.13 A pair of complex-conjugate poles corresponds to causal signals with oscillatory behavior.

Frequency Response

Mapping Between Domains



Prewarping

Compensator Design Approach