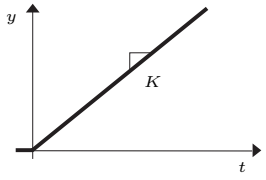
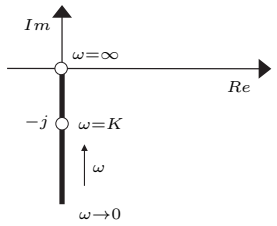
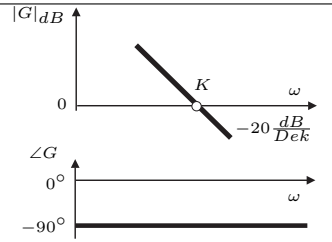
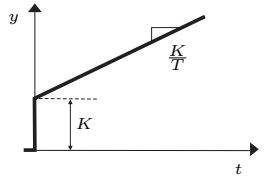
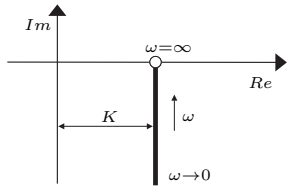
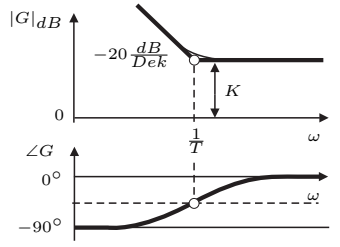
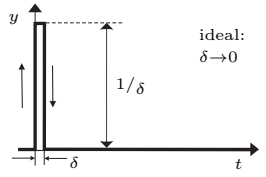
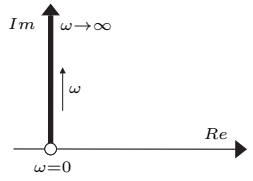
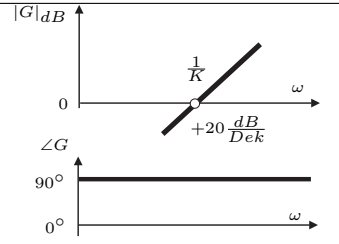
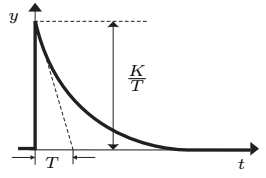
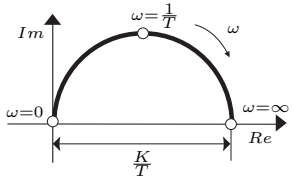
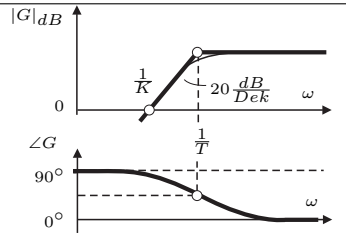
Typ	Differentialgleichung	Frequenzgang $G(j\omega)$	Schrittantwort $u(t) = \varepsilon(t)$	Nyquistdiagramm (Ortskurve)	Bodediagramm (dB $\hat{=}$ 20·log$_{10}$)
I	$y(t) = K\int_0^t u(\tau)d\tau$ $\dot{y} = Ku(t)$	$\frac{K}{j\omega}$			
PI	$y(t)=$ $K[u(t)+\frac{1}{T}\int_0^t u(\tau)d\tau]$	$K\left(1+\frac{1}{j\omega T}\right)$ bzw. $K\frac{1+j\omega T}{j\omega T}$			
D	$y(t)=K\dot{u}(t)$	$j\omega K$			
DT$_1$	$T\dot{y}(t)+y(t)=K\dot{u}(t)$	$\frac{j\omega K}{1+j\omega T}$