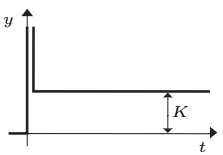
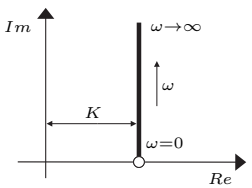
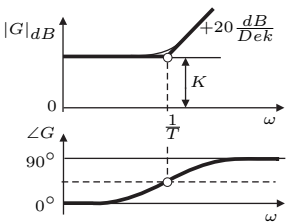
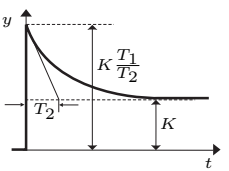
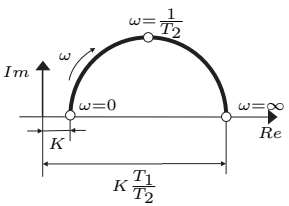
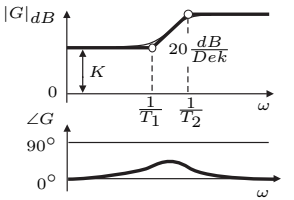
Typ	Differential-gleichung	Frequenzgang $G(j\omega)$	Schrittantwort $u(t)=\varepsilon(t)$	Nyquistdiagramm (Ortskurve)	Bodediagramm (dB $\widehat{=}$ 20·log$_{10}$)
PD	$y(t)=$ $K[u(t)+T\dot{u}(t)]$	$K(1+j\omega\ T)$			
PDT$_1$ (Lead-Glied) mit $T_1>T_2$	$T_2\dot{y}(t)+y(t)$ $=K[u(t)+T_1\dot{u}(t)]$	$K\frac{1+j\omega T_1}{1+j\omega T_2}$			
PPT$_1$ (Lag-Glied) mit $T_1<T_2$	$T_2\dot{y}(t)+y(t)\ =$ $K[u(t)+T_1\dot{u}(t)]$	$K\frac{1+j\omega T_1}{1+j\omega T_2}$