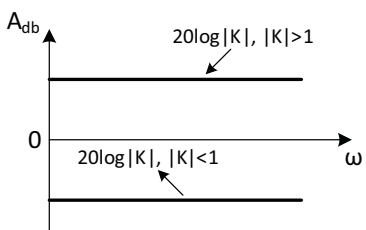
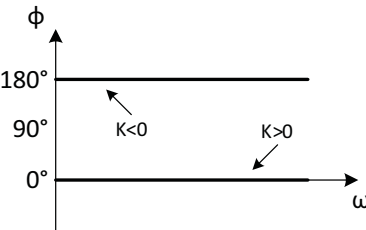
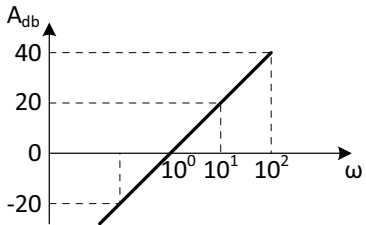
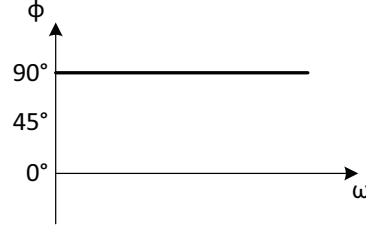
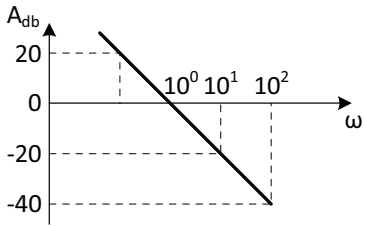
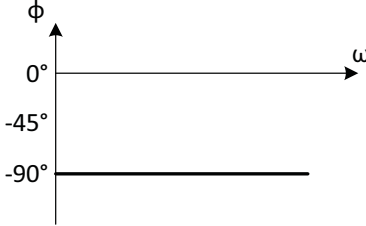
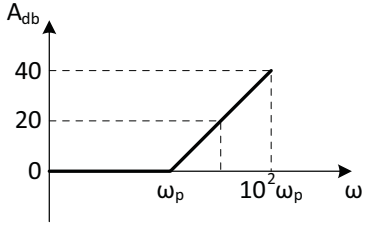
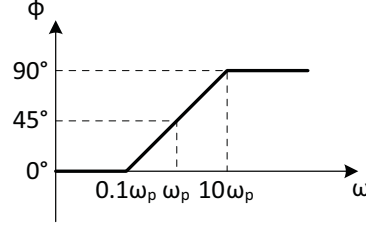
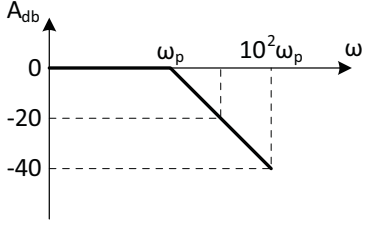
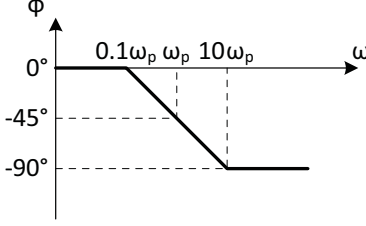
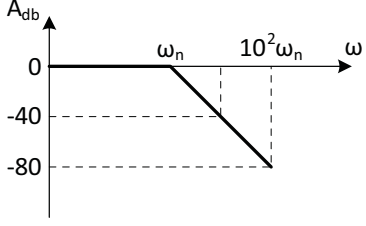
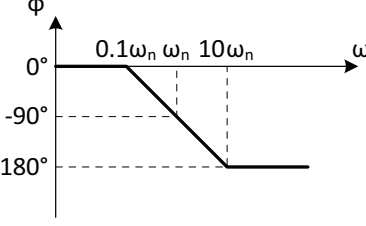


Sistematizacija osnovnih članova za prikaz amplitudno-frekvencijske i fazno-frekvencijske karakteristike Bodeovim načinom prikazana je u Tablici 4.3.

Tablica 4.3: Osnovni članovi Bodeovih dijagrama

Amplitudna i fazna karakteristika (Bodeov prikaz)		Prijenosna funkcija člana
		$G(j\omega) = K$ $A_{dB}(\omega) = 20 \log  K $ $\phi(\omega) = \begin{cases} 0, & K > 0 \\ \pi, & K < 0 \end{cases}$
		$G(j\omega) = j\omega$ $A_{dB}(\omega) = 20 \log \omega$ $\phi(\omega) = \frac{\pi}{2}$
		$G(j\omega) = \frac{1}{j\omega}$ $A_{dB}(\omega) = -20 \log \omega$ $\phi(\omega) = -\frac{\pi}{2}$
		$G(j\omega) = 1 + j\frac{\omega}{\omega_p}$ $A_{dB}(\omega) = 20 \log \sqrt{1 + \left(\frac{\omega}{\omega_p}\right)^2}$ $\phi(\omega) = \arctan \frac{\omega}{\omega_p}$
		$G(j\omega) = \frac{1}{1 + j\frac{\omega}{\omega_p}}$ $A_{dB}(\omega) = -20 \log \sqrt{1 + \left(\frac{\omega}{\omega_p}\right)^2}$ $\phi(\omega) = -\arctan \frac{\omega}{\omega_p}$
		$G(j\omega) = \frac{1}{1 + 2\xi j\left(\frac{\omega}{\omega_n}\right) + \left(j\frac{\omega}{\omega_n}\right)^2}$ $A_{dB}(\omega) \approx -40 \log \sqrt{1 + \left(\frac{\omega}{\omega_n}\right)^2}$ $\phi(\omega) \approx -2 \arctan \frac{\omega}{\omega_n}$