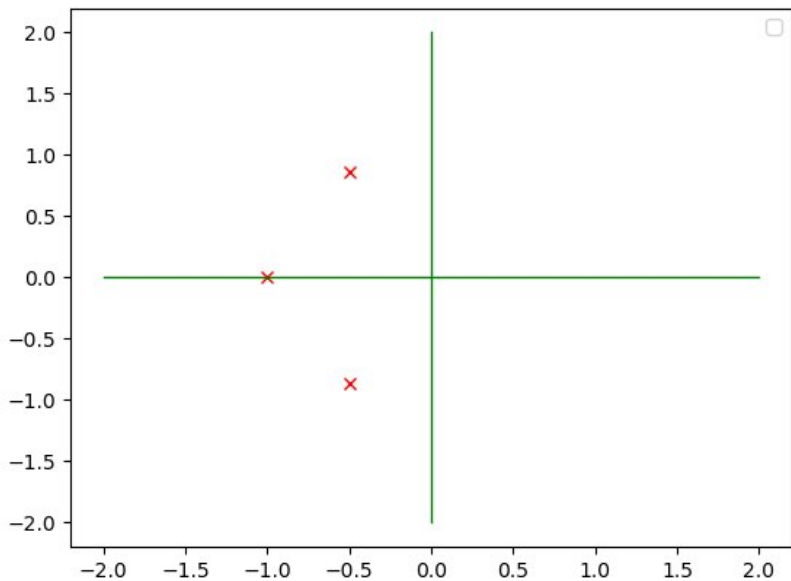
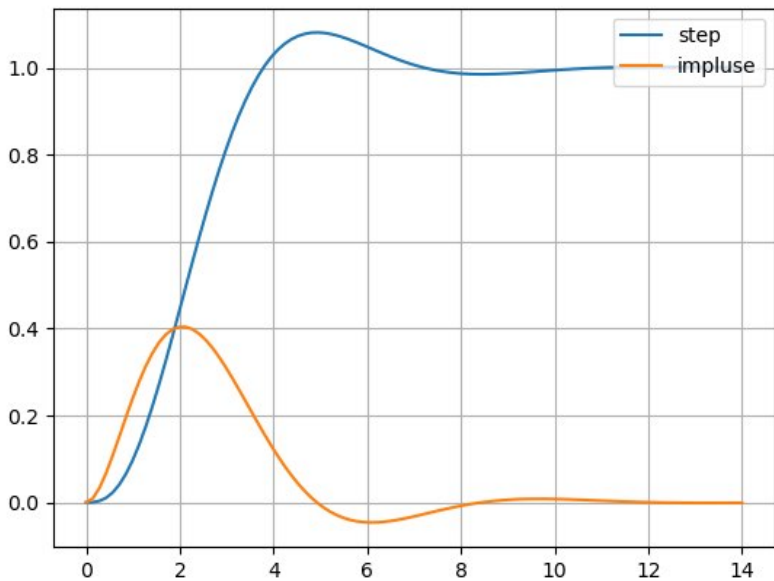


laplace transform 7.1

7.2 a)

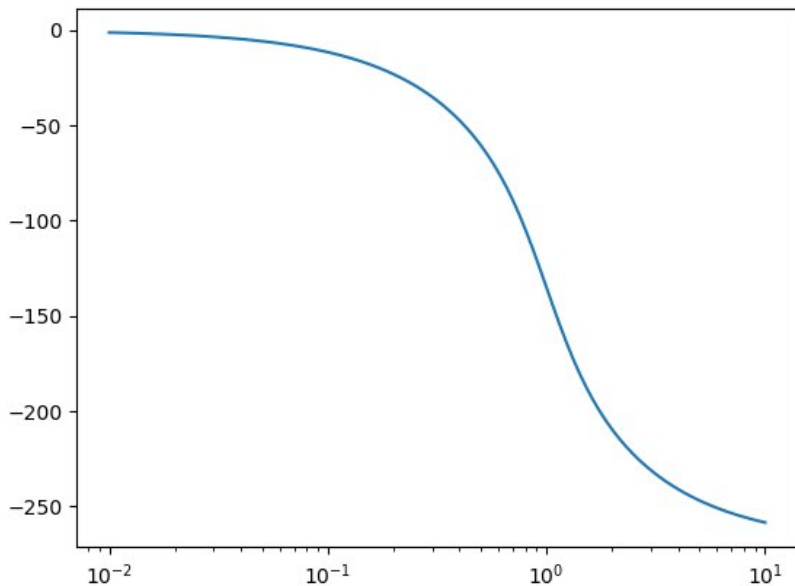


7.2 b) i)

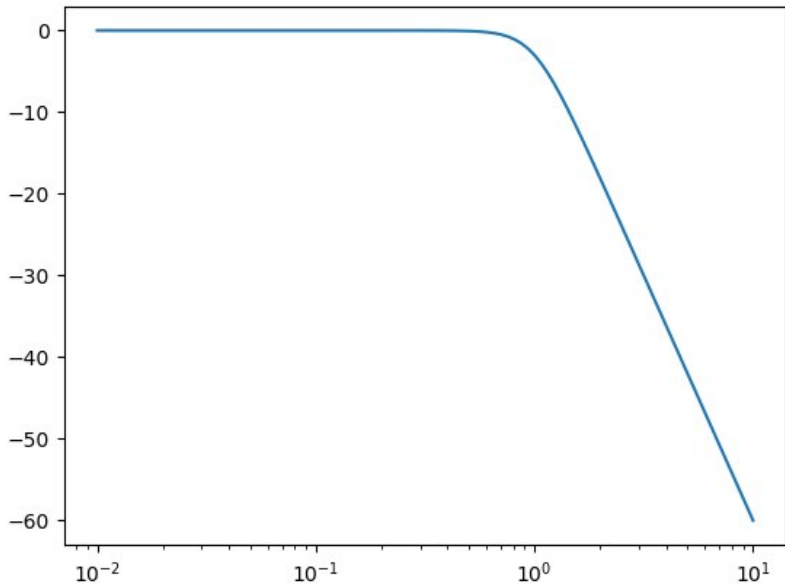


Residuals: [-0.5 -0.28867513] -0.5 +0.28867513] 7.2611

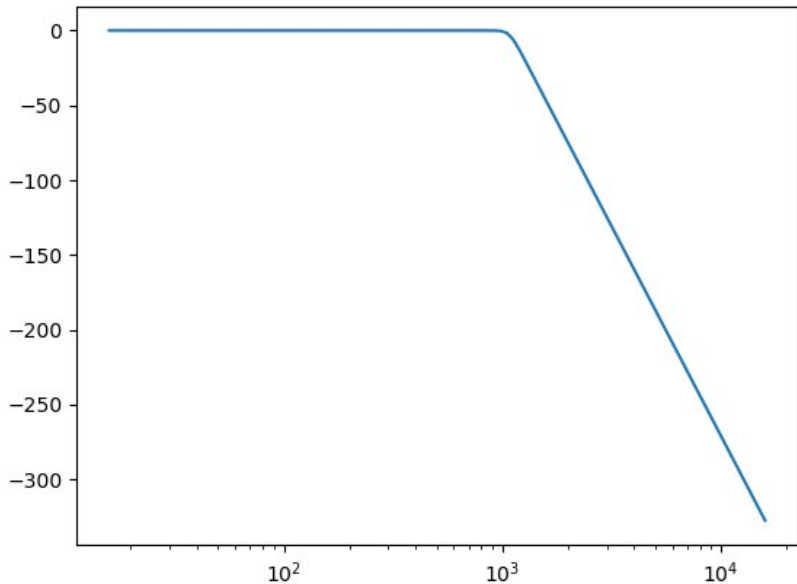
7.2 a) Amplitude



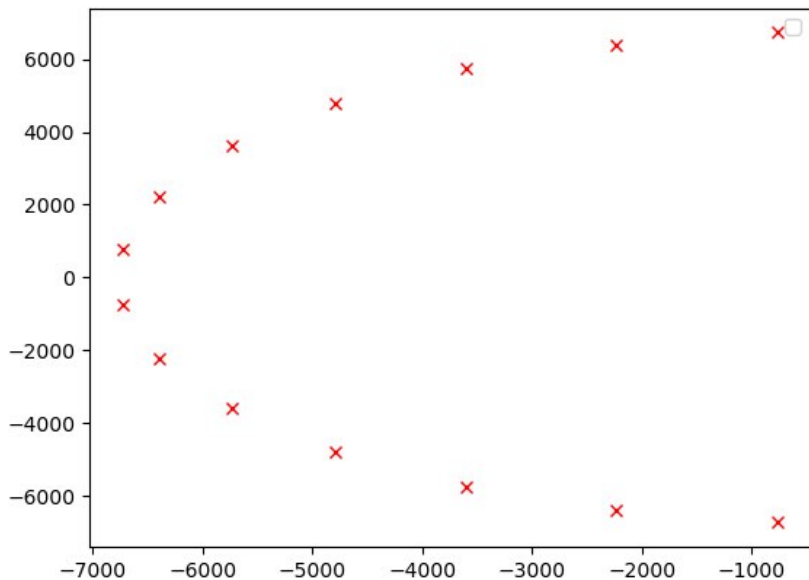
7.2 c) Phasengang



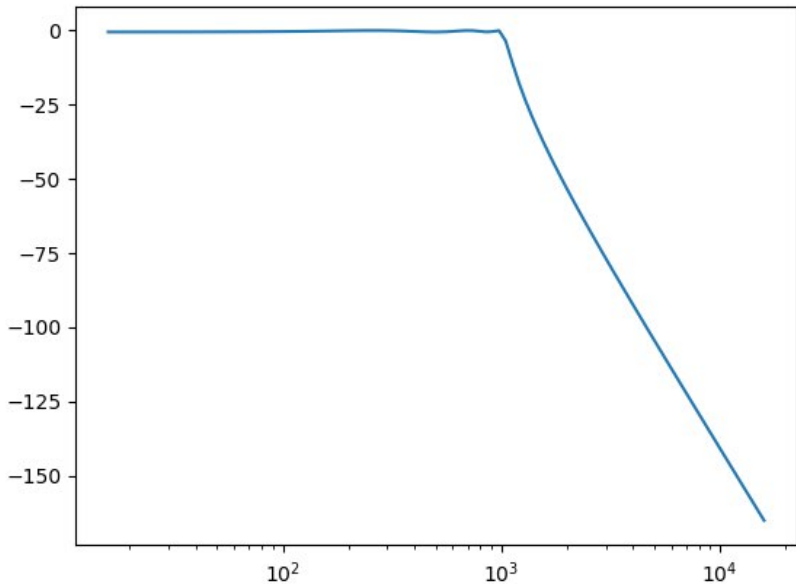
7.3 Butterworth Filter



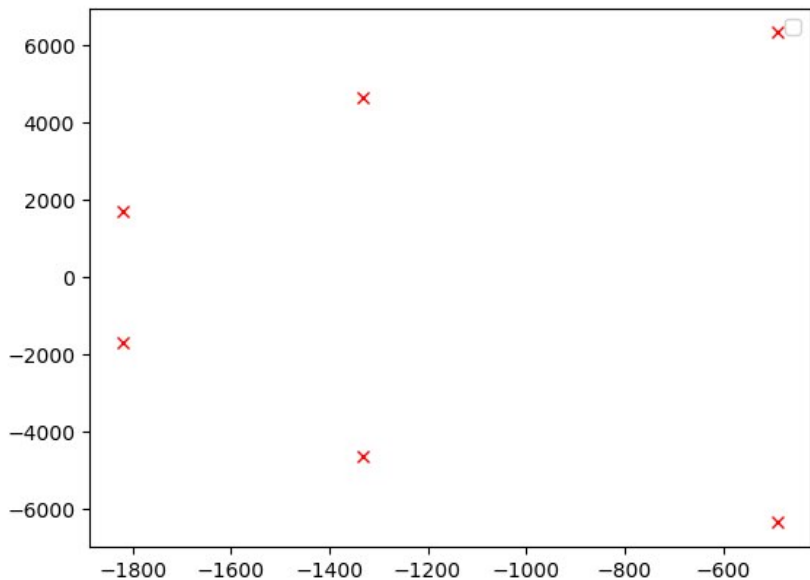
7.3 Butterworth Pol-Nullstellen



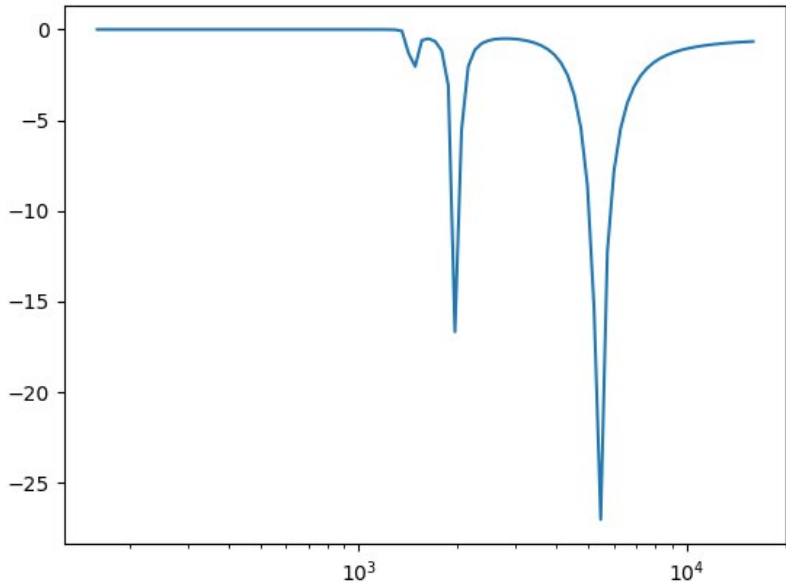
7.3 Tschebyscheff Typ I Filter



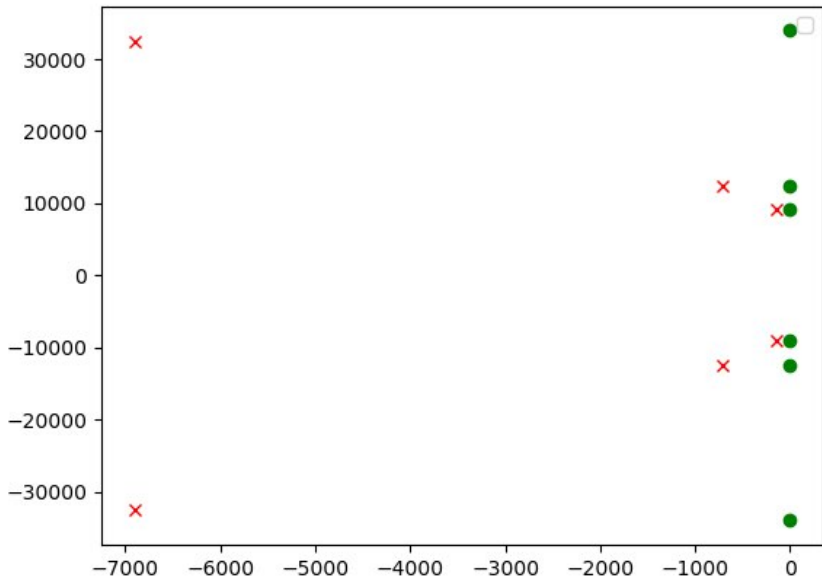
7.3 Tschebyscheff Typ I Pol-Nullstellen



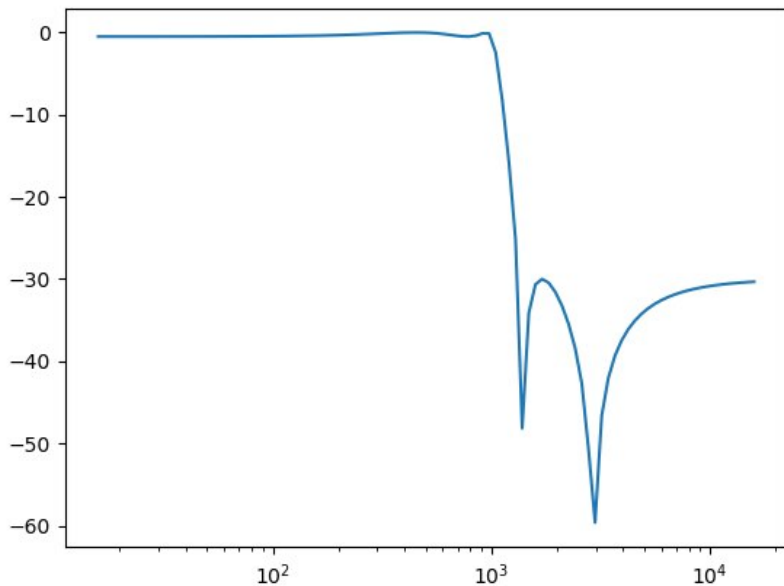
7.3 Tschebyscheff Typ II Filter



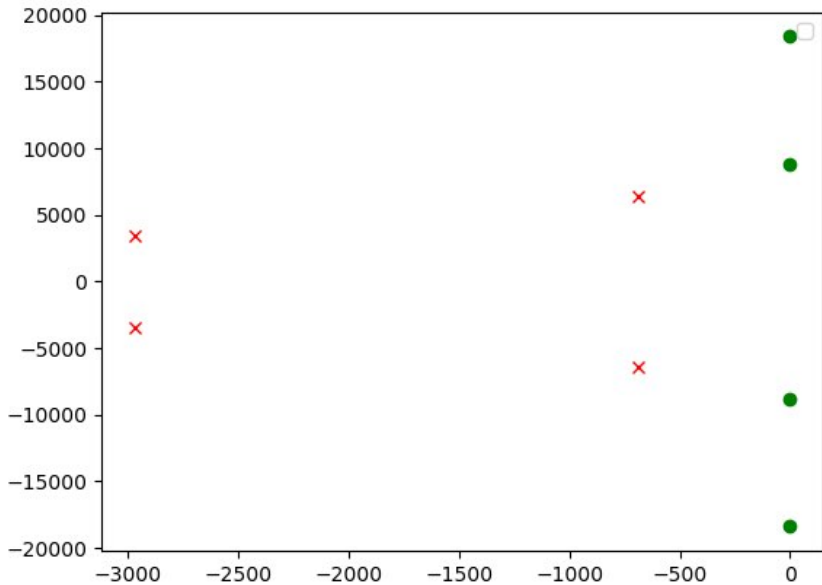
7.3 Tschebyscheff Typ II Pol-Nullstellen



7.3 Cauer Filter



7.3 Cauer Pol-Nullstellen



7.4 a)

