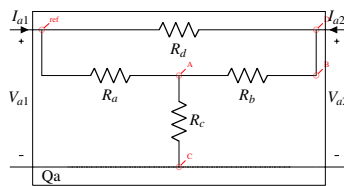
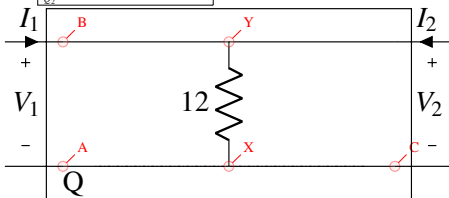
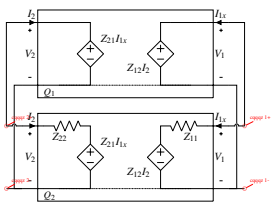
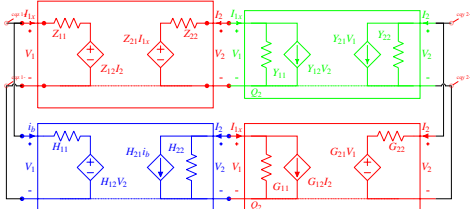
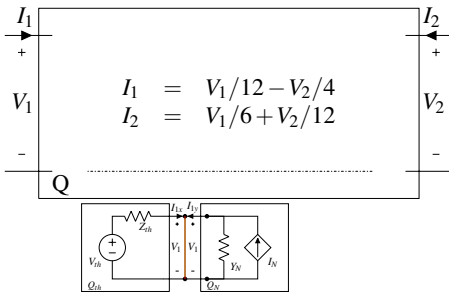
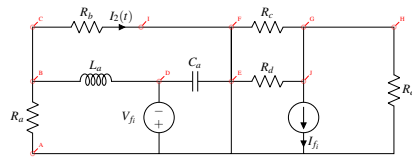
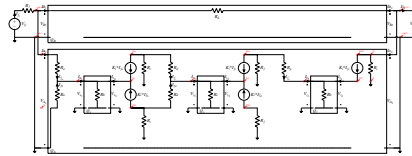
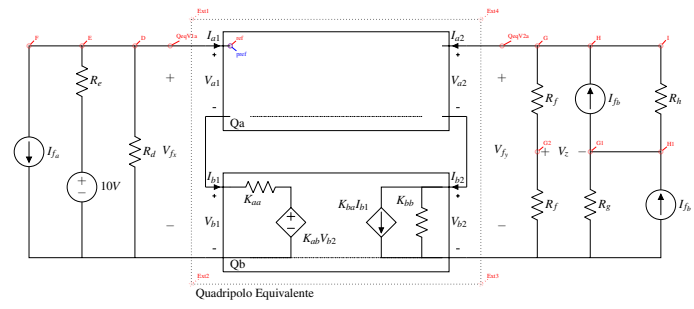


UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL
ESCOLA DE ENGENHARIA / DELAE
ENG10044 - ELETRÔNICA FUNDAMENTAL I - B
EXAME - 2023/2

Nome:.....Cartão:.....

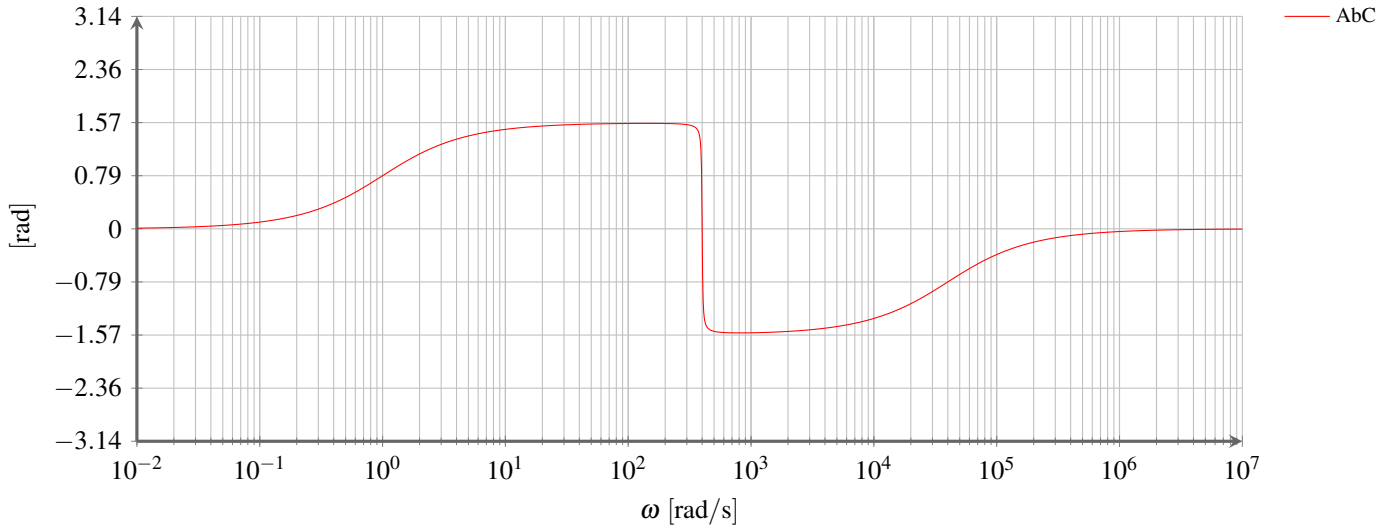
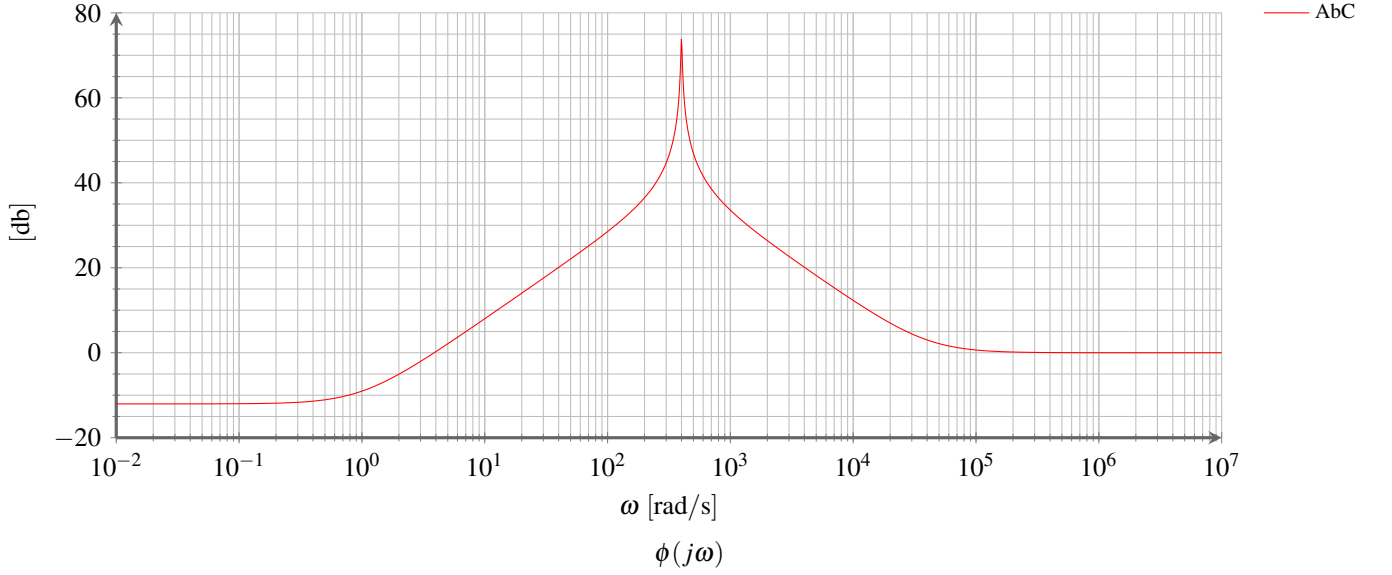




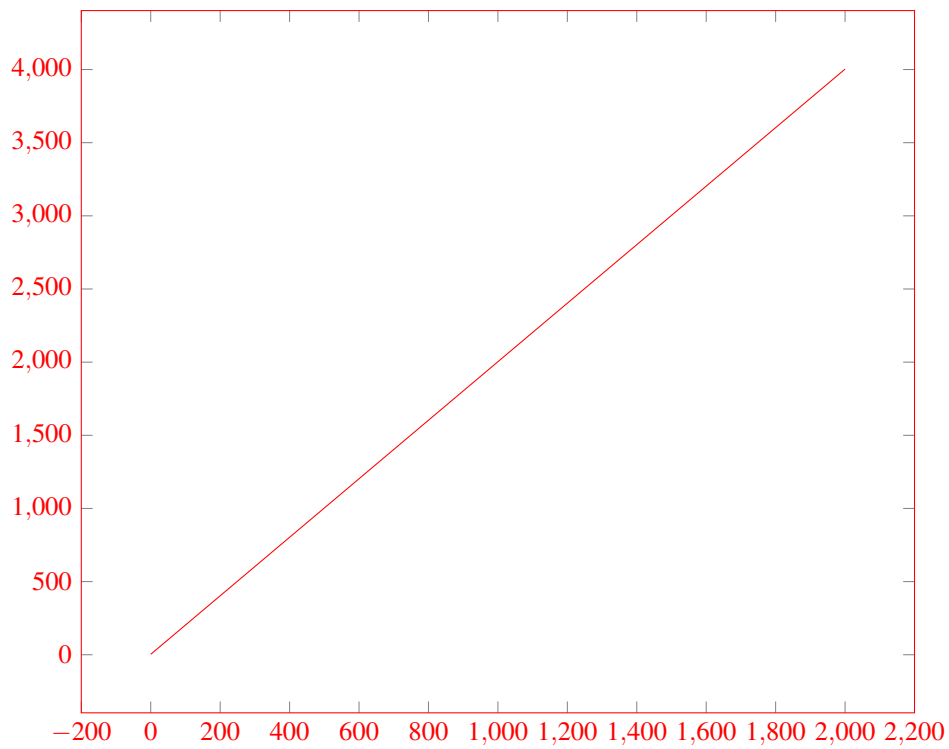
$$\frac{(s+1)(s+40000)}{(s^2+0.01*2*400s+400^2)} \rightarrow \frac{(j\omega+1)*(j\omega+40000)}{((- \omega^2+0.01*2*400*j+400^2))}$$

$$(x*\{0,1\}+1)*(x*\{0,1\}+40000)/((-x^2+0.01*2*400*x*\{0,1\}+400^2))$$

$$20*\log|H(j\omega)|$$



TO BE LOOKED AT gnuplot bug, generating invalid characters (UTF-8 / UTF-16 / unicode mismatch in .vrs files)



first:a
second:axaa
third:
first:bbx
second:bb
third:
first:c
second:cx
third:cc
ABCDEFGFGXYZDEF