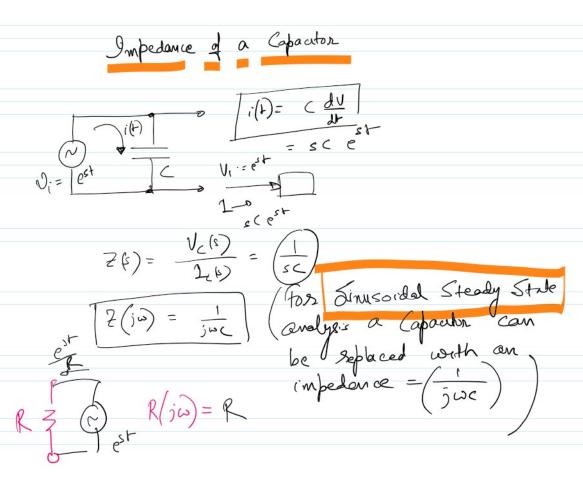
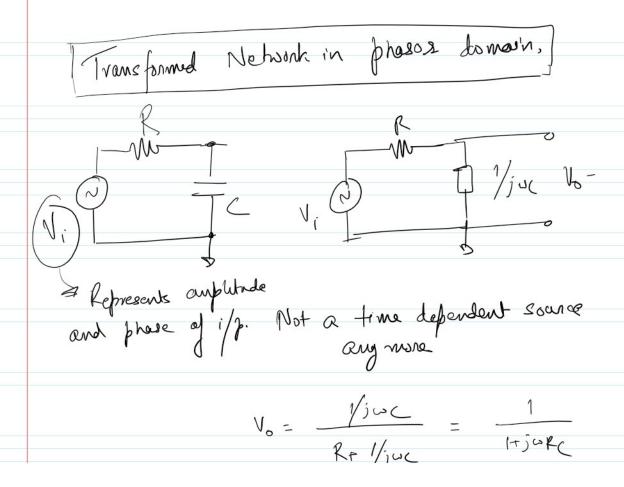
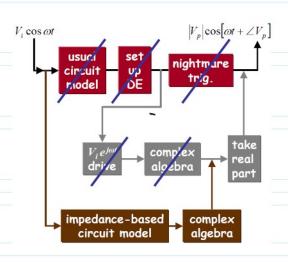


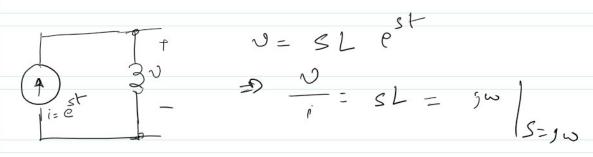
ALGO for BODE PLA:

Find $H(i\omega) \Rightarrow$ find the scots of $H(i\omega)$ For plotting $|H(i\omega)|$ make the following appox. $|+j\omega z \approx 1 \quad (if \omega < z < z)$ $|+j\omega z \approx j\omega z \quad (if \omega > z < z)$ Plot in $\log -s$ cale using strength line segments.









$$\begin{array}{c|c}
\hline
 & i = C \frac{d0}{dt} & 0 = L \frac{di}{dt} \\
\hline
 & 1(i\omega) = i\omega C V(i\omega) & V(i\omega) = i\omega L I(i\omega)
\end{array}$$

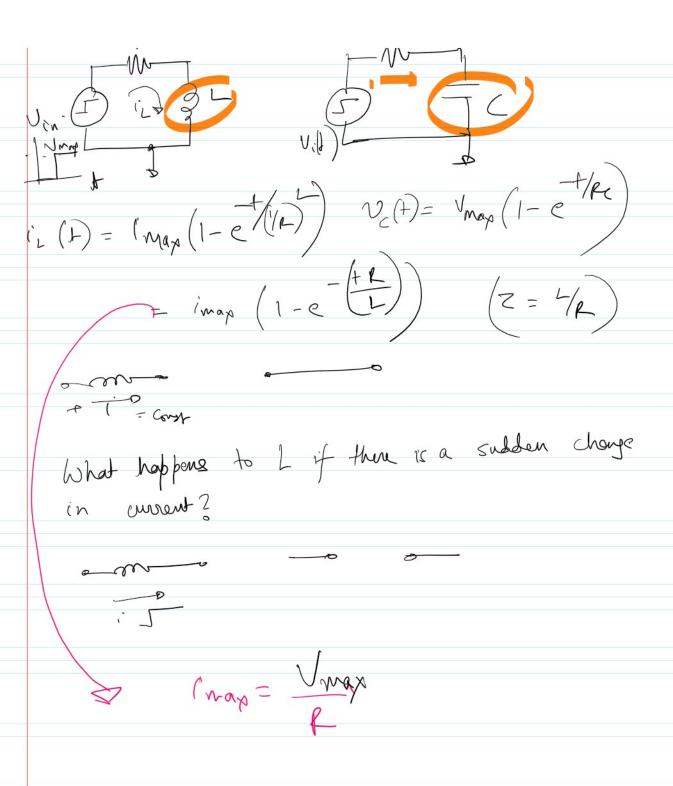
Mathematically there is no difference between an L and a C if the variables are hidden from us, as long as I and V are interchanged,

Behavior of voltage in L will be IDFNTICAL
to the " current through all the
L's and ('s are intenchanged.

To frameform a notwork with C and R with L and sesistmines.







Phason Representation

1

