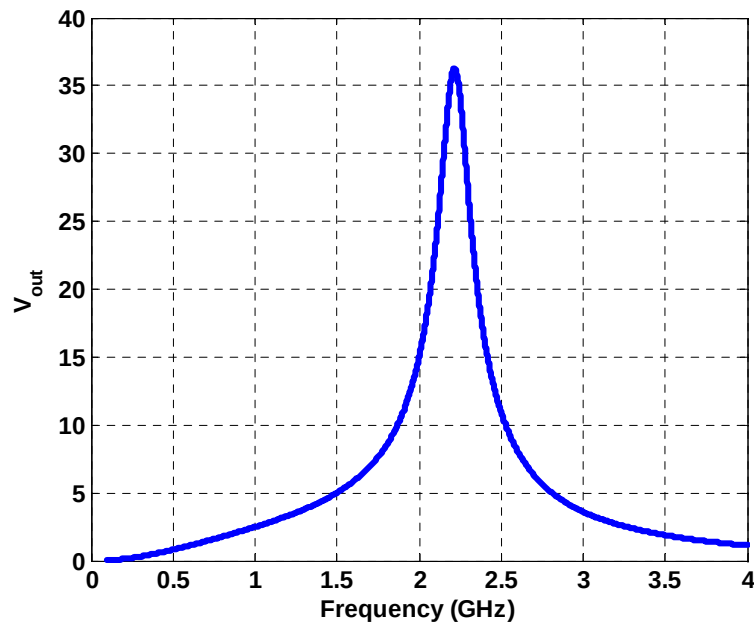
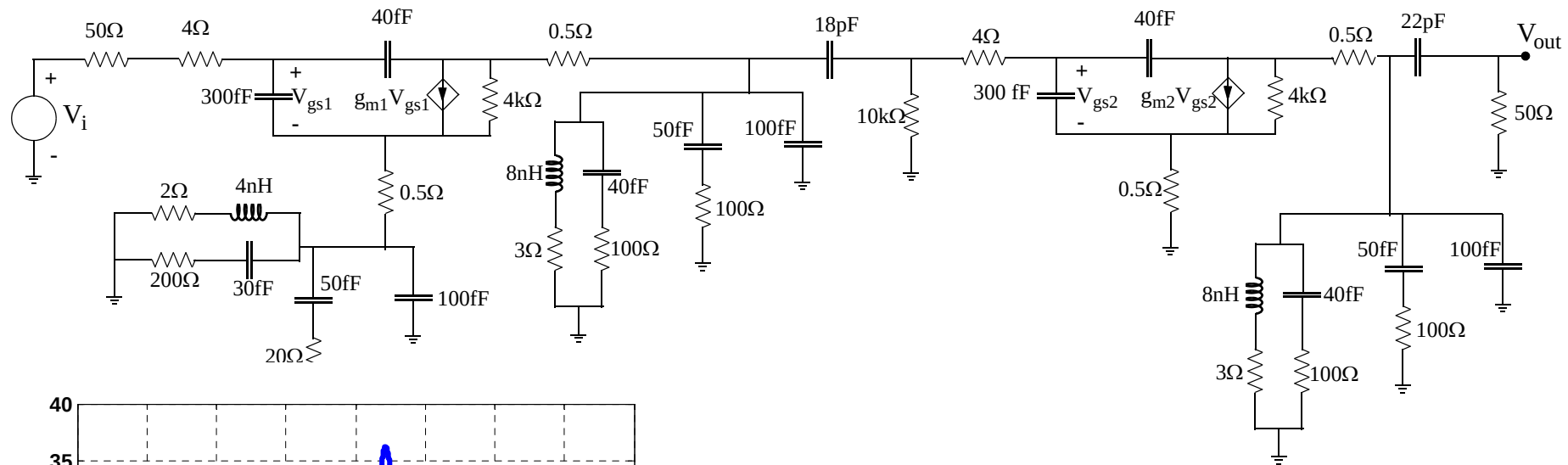


For the circuit shown below use the node analysis to calculate the magnitude of V_{out} at steady state, for the frequency range of 100 MHz to 4 GHz.

$V_i = 1 \sin \omega t$, ($\omega = 2\pi f$), $g_{m1} = 0.035$ Mho, $g_{m2} = 0.045$ Mho, $fF = 10^{-15}$ F, $nH = 10^{-9}$ H.



Students must send me their MATLAB file via e-mail to my address:
sasan_naseh@yahoo.com
 before Wednesday 16/Aban/1386.

The answer is provided on the left, so that you can compare your solution with it.