

1384/Mehr/18

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

$$V_i = 1 \sin \omega t, (\omega = 2\pi f)$$

$$g_m = 0.04 \text{ Mho.}$$

$$fF = 10^{-15} \text{ F.}$$

$$nH = 10^{-9} \text{ H.}$$

