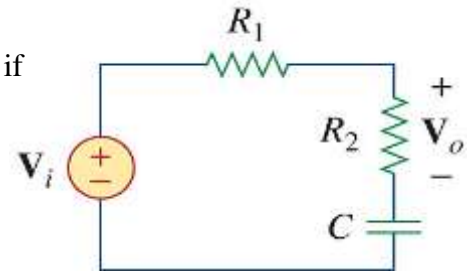


Find: The transfer function $H(\omega)$ for the following circuit if $R_1 = 10\Omega$, $R_2 = 2\Omega$, and $C = 1/8\text{F}$.



Find: $v_o(t)$ of the above circuit if $v_i(t) = \cos(10t)$. You'll need a calculator!