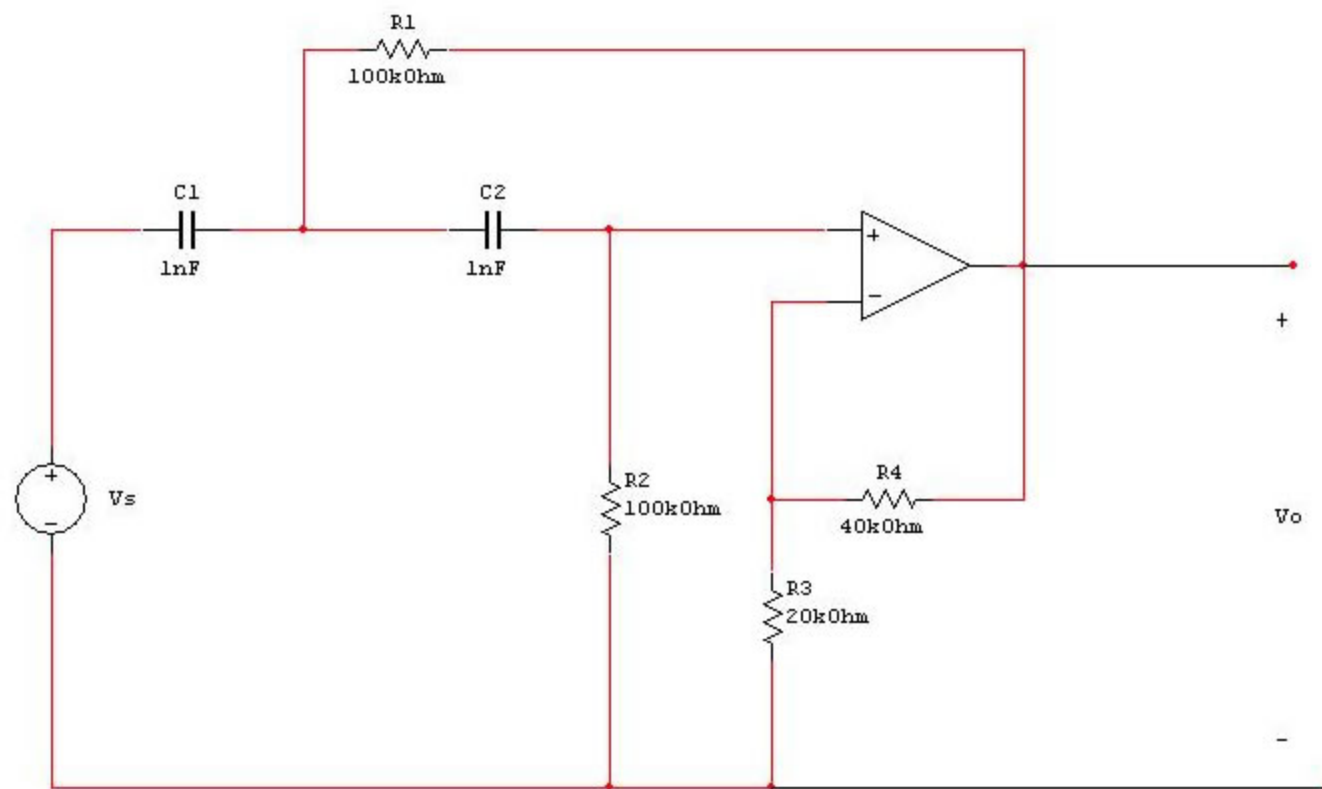


For the circuit shown below calculate the closed-loop gain:  $V_o / V_s$ . Radian frequency  $\Omega = 2,000 \text{ rad/s}$ .  $C_1=C_2=1 \text{ nF}$ ;  $R_1=R_2=100 \text{ k}\Omega$ ;  $R_3=20 \text{ k}\Omega$ ; and  $R_4=40 \text{ k}\Omega$ .



- $V_o/V_s = 0.0314$
- $V_o/V_s = 0.0554$
- $V_o/V_s = 0.0824$
- $V_o/V_s = 0.0194$