

ECE 113: Basic Electronics Quiz-5

Duration: 25 Minutes

Date: 26-May-2023

Total Points: 15

Q1: In Fig.-1, find out the value of output voltage (V_o).

[5 Points]

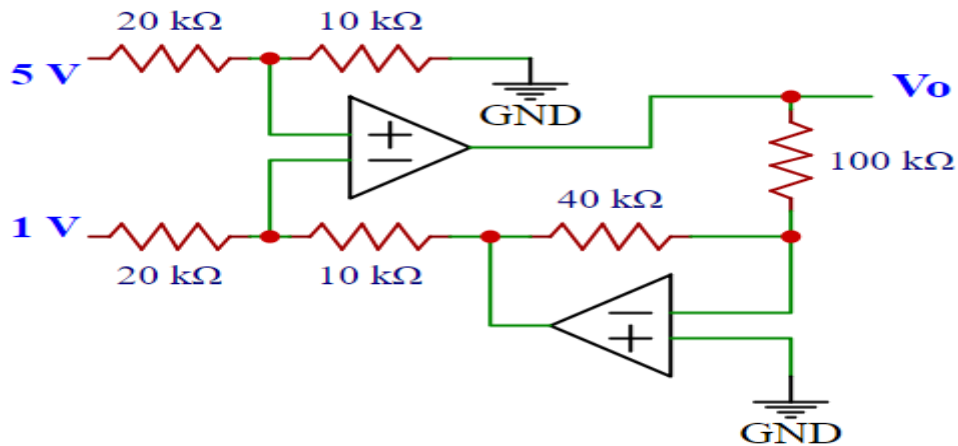


Figure 1

Q2: In Fig.-2, find out the value of output voltage (V_o).

[5 Points]

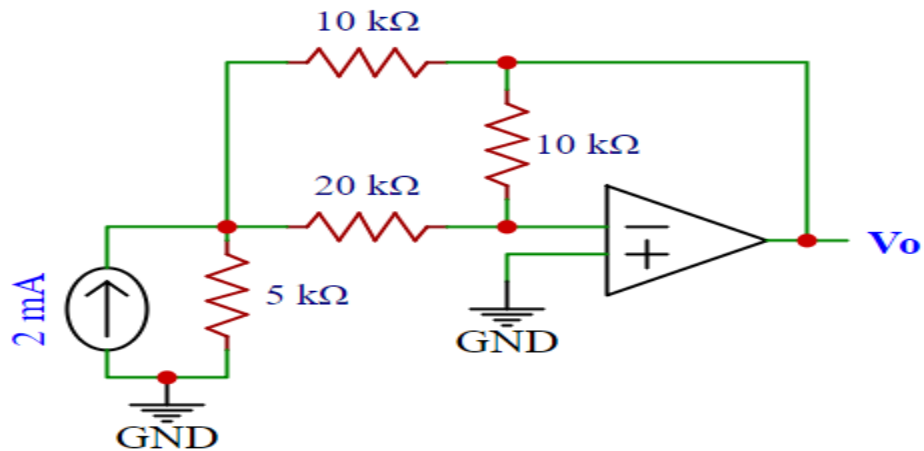


Figure 2

Q3: The input power (P_i) to an op-amp is 2 μ W. The power gain of the op-amp is 40 dB then find out the value of output power (P_o) of the op-amp.

[5 Points]