

Tutorial-8

Winter 2024

Basic Electronics (ECE113)

Q1: In Figure-1, find the output voltage (V_o).

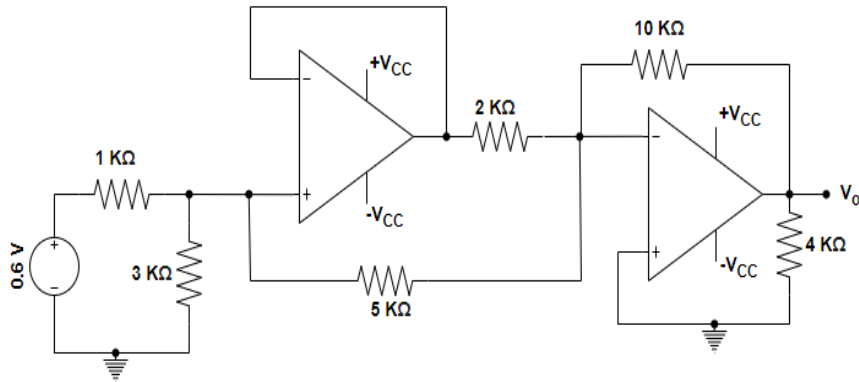


Figure 1

Q2: Find output voltage v_o in the given following circuit (Figure-2).

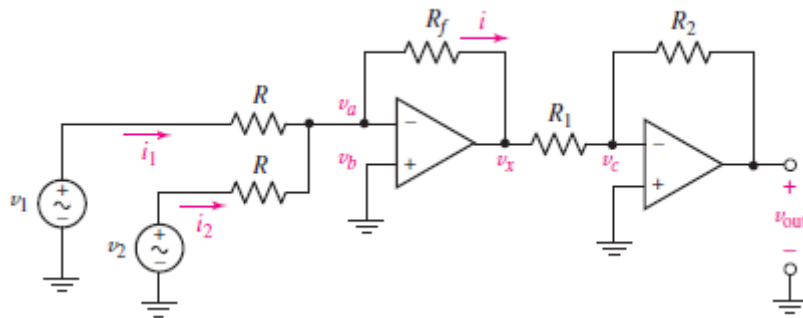


Figure 2

Q3: Find output voltage V_1 in the given following circuit (Figure-3).

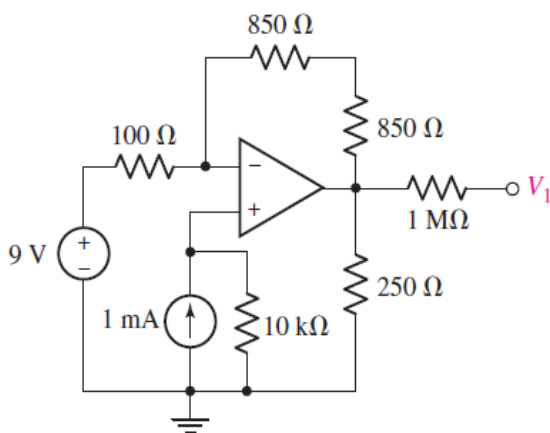


Figure3

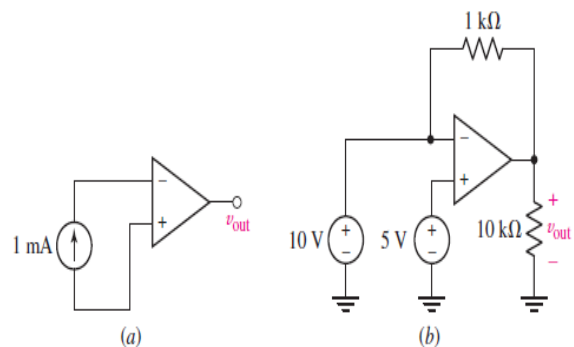


Figure 4

Q4: Explain what is wrong with each diagram in Figure-4 if the two op amps are known to be perfectly ideal.