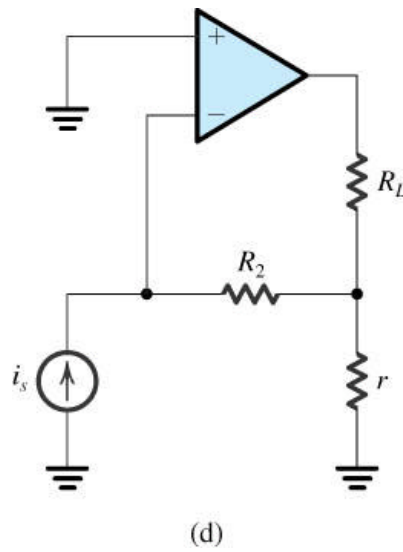
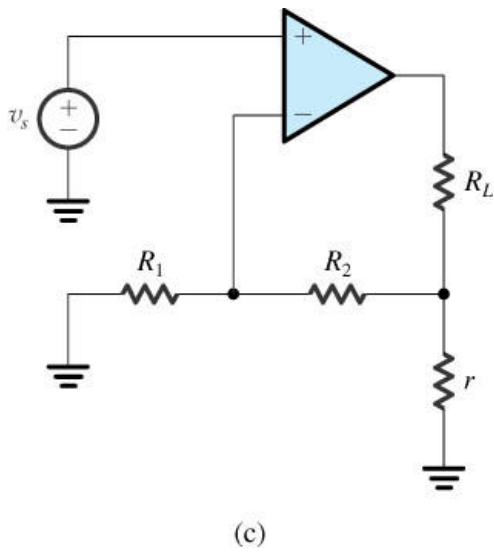
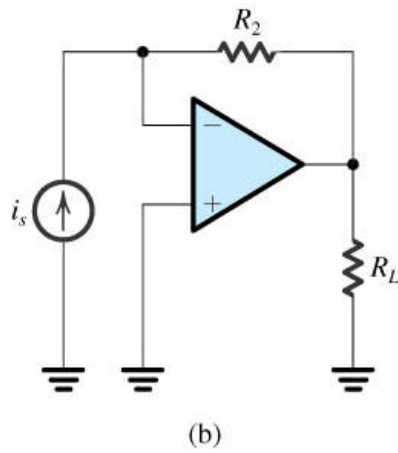
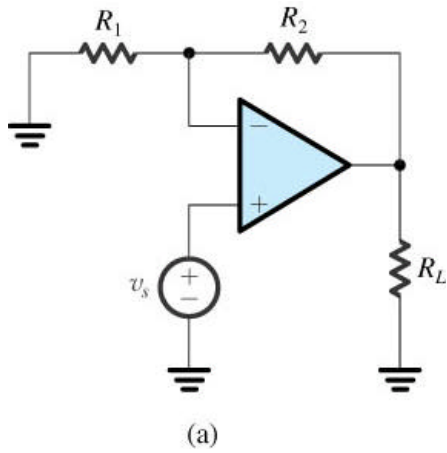


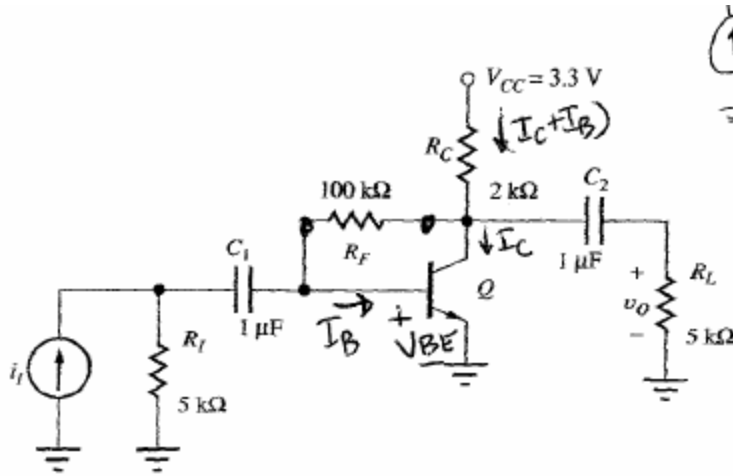
REVIEW

Problem #1: For each of the op-amp circuit below, identify the feedback topology. Assuming an ideal op amp, find an expression for A_f .



REVIEW

Problem #2: Find A , β , A_f , the input resistance (R_{if}), and the output resistance (R_{of}) for the single-transistor shunt-shunt feedback amplifier below assuming $\beta_{\text{transistor}}=150$ and $V_A=50V$.



REVIEW

Problem #3: Analyze the shunt-series feedback amplifier below. Find the gain(A_f), input resistance (R_{if}), and output resistance(R_{of}). Use $\beta_{\text{transistor}}=100$ and $V_A=100\text{V}$ with Q1 biased at 0.66mA and Q2 biased at 1.6mA.

