

Experiment 1
Biasing of Common-Emitter Amplifiers

Laboratory Report for ENGE 312
Applications of Electronic Devices

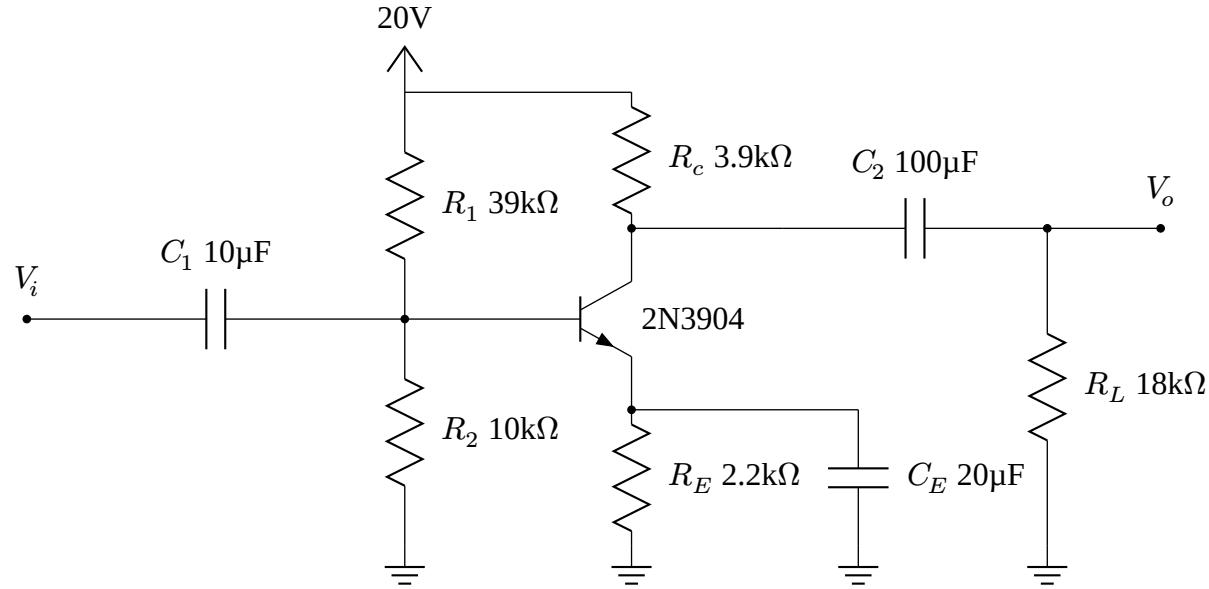
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I. PROJECT DESCRIPTION

The gain and bias stability of a common-emitter amplifier circuit was investigated in this laboratory experience. The gain of the amplifier was measured and compared between β values. Max Voltage Swing ($V_{o,p-p}$) was also measured and compared between β values.

II. THEORETICAL BACKGROUND



III. METHODS AND MATERIALS

A. Equipment

Your equipment table...

B. Experimental Procedure

Your procedure...

IV. RESULTS

A. Sample Calculations

(if needed)

V. DISCUSSION

Your discussion...

VI. CONCLUSIONS

Your conclusions...