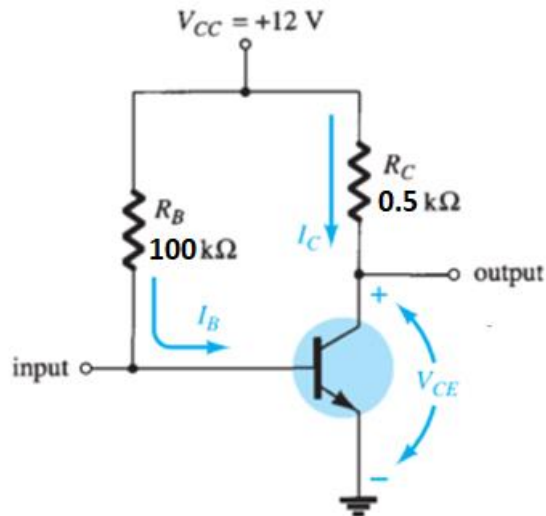


EXPERIMENT 4

DC Analysis of various BJT configurations

Setup the given circuit using the **BC237** transistor.



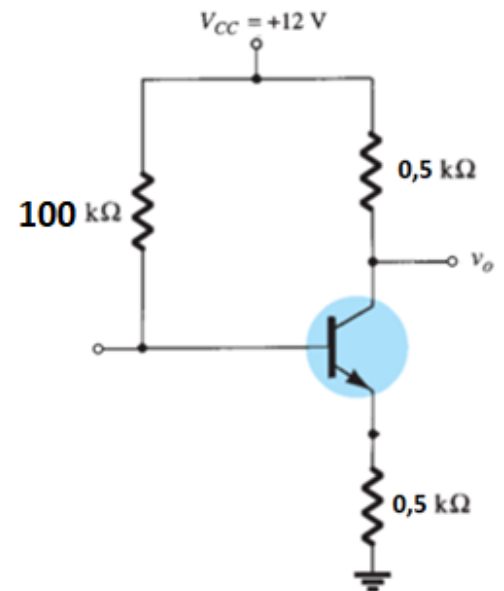
1.1. Measure the base current I_B , collector current I_C and collector-emitter voltage V_{CE} .

1.2. Calculate same parameters using DC analysis theoretically.

EXPERIMENT 4

DC Analysis of various BJT configurations

Setup the given circuit using the **BC237** transistor.



2.1. Measure the base current I_B , collector current I_C and collector-emitter voltage V_{CE} .

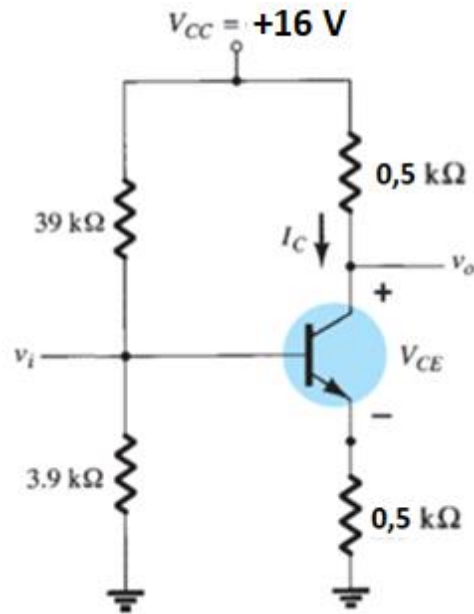
2.2. Calculate same parameters using DC analysis theoretically.

EXPERIMENT 4

DC Analysis of various BJT configurations

Setup the given circuit using the **BC237**

transistor.



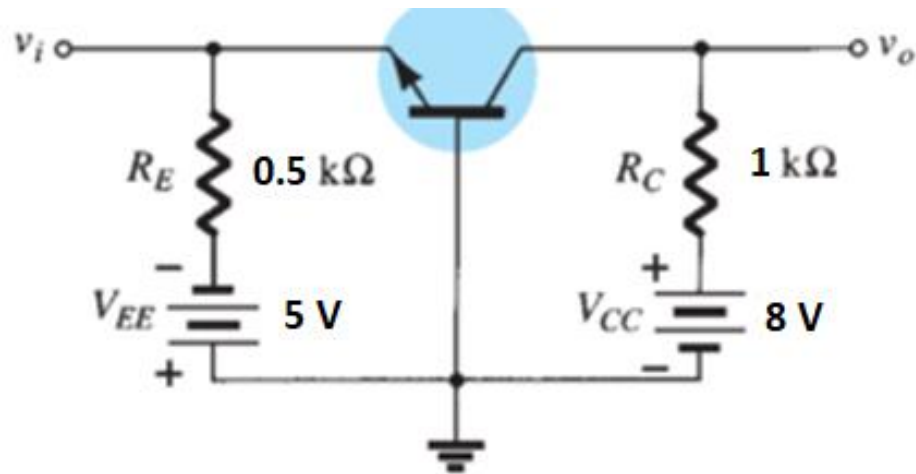
3.1. Measure the emitter current I_E , collector current I_C , base voltage V_B , collector-emitter voltage V_{CE} .

3.2. Calculate same parameters using DC analysis theoretically.

EXPERIMENT 4

DC Analysis of various BJT configurations

Setup the given circuit using the **BC237** transistor.



4.1. Measure the emitter current I_E , collector current I_C and collector-emitter voltage V_{CE} .

4.2. Calculate same parameters using DC analysis theoretically.