# POST LAB REPORT: EXPERIMENT NO. 11

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SECTION: \_\_2ECE-A\_\_\_\_\_\_\_ TERMINAL NO. \_\_9\_\_

ANSWER THE FOLLOWING:

1.) What is Nested DC Sweep?

Nested dc sweep is a dc sweep inside another dc sweep, it sweeps one parameter over another sweep parameter.

2.) What is the inner sweep variable when calculating for BJT characteristic curve?

The inner sweep variable when calculating for BJT characteristic curve is the collector-emitter junction voltage which is the V(Q1:c)-V(Q1:e).

3.) What is the outer sweep variable when calculating for BJT characteristic curve?

The outer sweep variable when calculating for BJT characteristic curve is the collector current which is the IC(Q1).

4.) What do you call the last curve traced in the Activity (step15)?

The last curve traced is the resonance.