



PyroElectro.com - PyroEDU

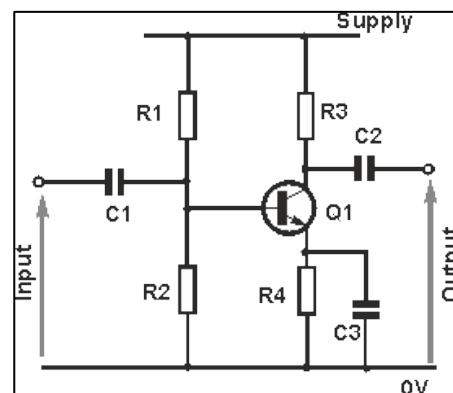
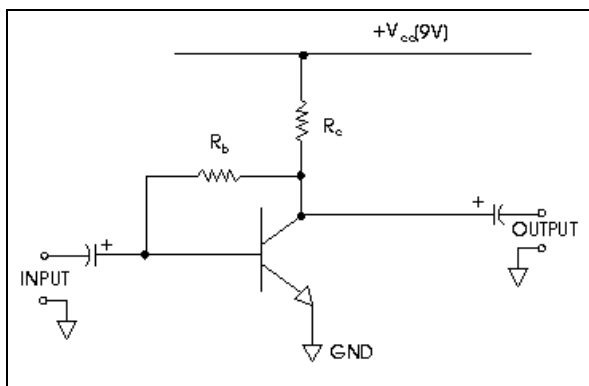
Introduction To Analog Electronics – Lesson 8: Transistor Amplifier

FORMULAS

The following formulas and information are meant to go with the online lesson found here:
http://www.pyroelectro.com/edu/analog/transistor_amplifier/

TWO TYPES OF TRANSISTOR AMPLIFIER CIRCUITS

The first circuit on the left is the amplifier circuit that we built in the experiment for this lesson. It is a basic bones amplifier and lacks any real flexibility for controlling the amplification or any other real attributes of an amplifier.



The second circuit above, on the right, is a more classical single transistor amplifier, with 4 resistors and 3 capacitors. The resistors allow a designer to properly 'bias' each point of the transistor amplifier and the capacitors allow for blocking DC and filtering out certain frequencies.

ADDITIONAL INFORMATION

If you have any questions about the formulas or information found in this document, please feel free to head on over to the forums and ask us some questions!

<http://www.pyroelectro.com/forums/>