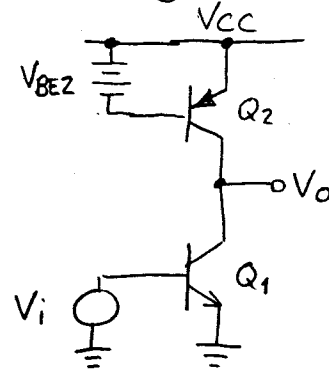
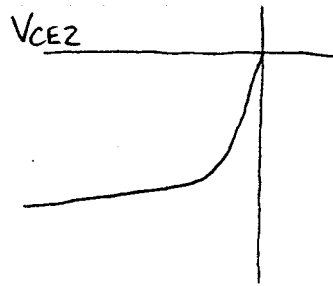


ACTIVE LOADS

Important to get high gain in one stage - each stage lowers frequency response.

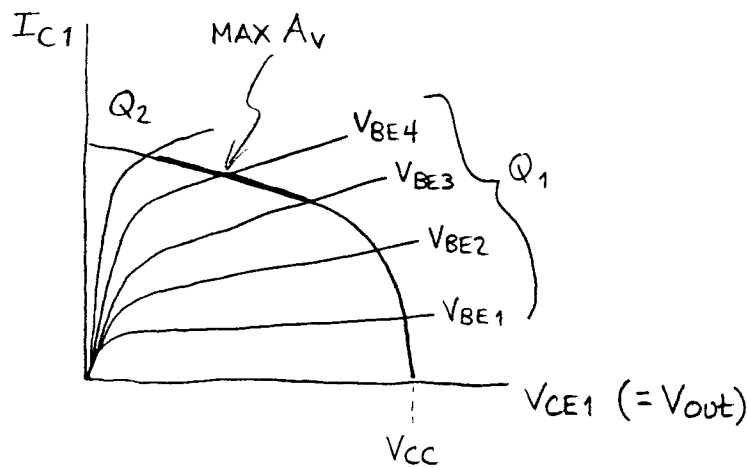
Difficult to use resistively loaded stage (DC drop)

For PNP current source



$$V_{CC} = V_{CE1} - V_{CE2}$$

To find V_o operating point: invert Q_2 characteristic, offset by V_{CC} , overlay on Q_1 characteristic



Transfer function

