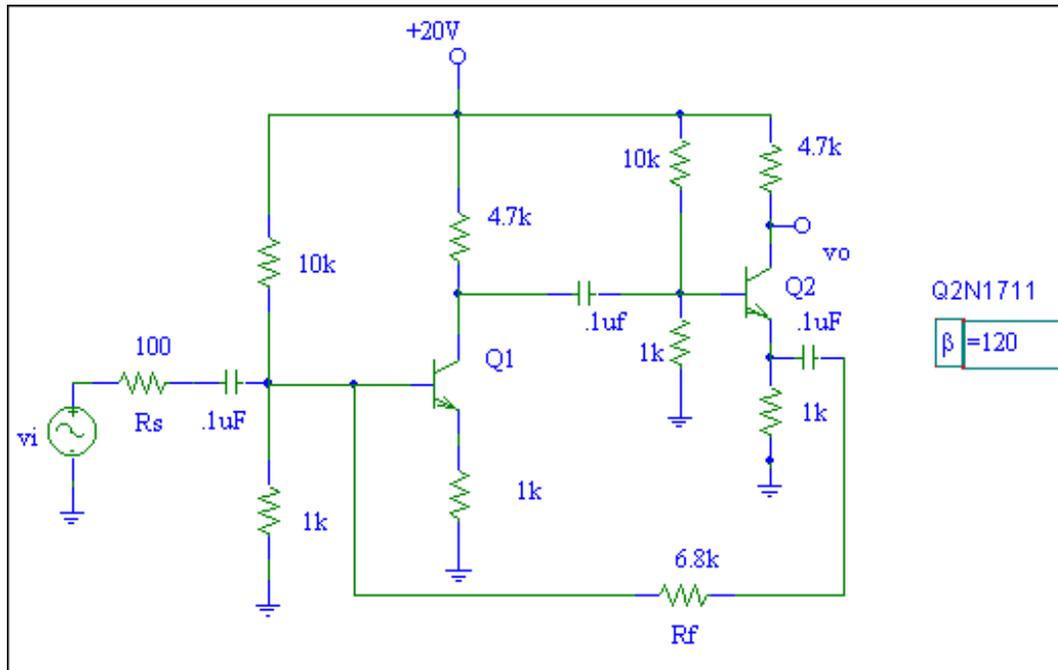


CURRENT SAMPLE CURRENT SUM FEEDBACK AMP



1. Find  $V_{C1}$  and  $V_{E2}$ , Loop Gain,  $A\beta$ , Approximate Gain,  $1/\beta$ , Input Feedback Resistance,  $R_{if}$ , and Closed Loop Gain,  $A_f = v_o/v_i$ .
2. Experimentally determine  $V_{C1}$ , and  $V_{E2}$ ,  $A_f$  and  $R_{if}$
3. Experimentally determine frequency response,  $f_L$ , and  $f_H$
4. Increase the gain, by making a change to the circuit, and determine the  $v_o/v_i$  and new frequency response.