Special Problem 5.5-1

For the circuit below, **the DC solution has been evaluated**, and the transconductance g_m of each transistor has been found to be g_m=1 mA/V.

The capacitors are very large.

Determine the small signal gain $A_v = v_o/v_i$ for this two transistor amplifier.

Note: Do not attempt to analyze this circuit for its DC parameters! You have enough information to proceed directly to the small-signal analysis and determine A_v.