

Special Problem 2.3-4

In the circuit below, an amplifier with $A_{vo} = -4.0$ and $R_i = 1K$ is followed by an inverting amplifier.

The output of the second amplifier is related to the input of the first amplifier as:

$$v_o = 12.0 v_I$$

Determine the output resistance R_o of the first amplifier.

