

Feedback Circuit Prelab

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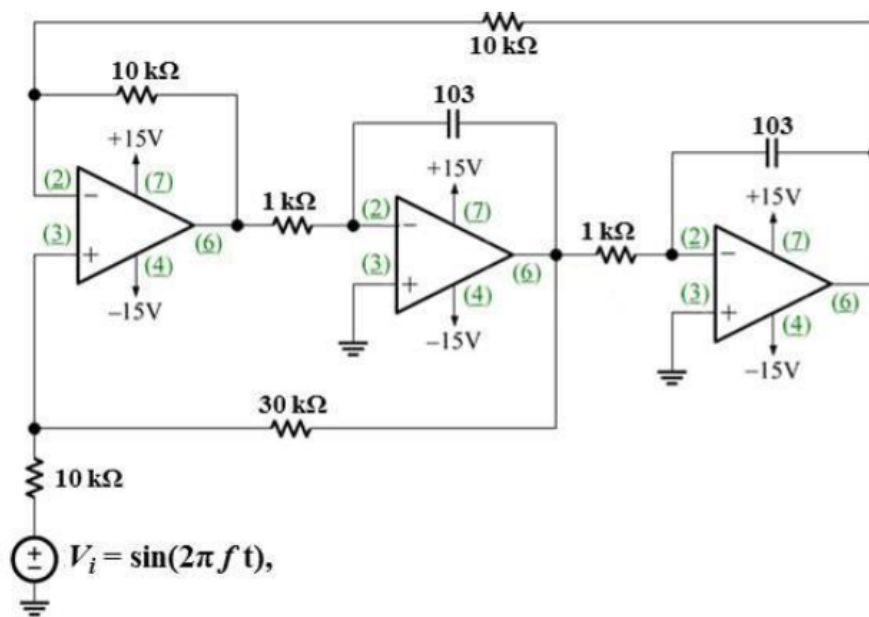
Feedback Circuit Active Filter

With input frequency range from 500 Hz to 200 kHz:

1. Find the maximum voltage gain A_{max} .
2. Plot the band-pass amplitude-frequency curve.
3. find f_{L3dB_BP} , f_{H3dB_BP} and BW.

Answer the following questions:

1. Is f_{L3dB_BP} equal to f_{L3dB_HP} ? If not, briefly describe it.
2. Is f_{H3dB_BP} equal to f_{H3dB_LP} ? If not, briefly describe it.



The feedback circuit