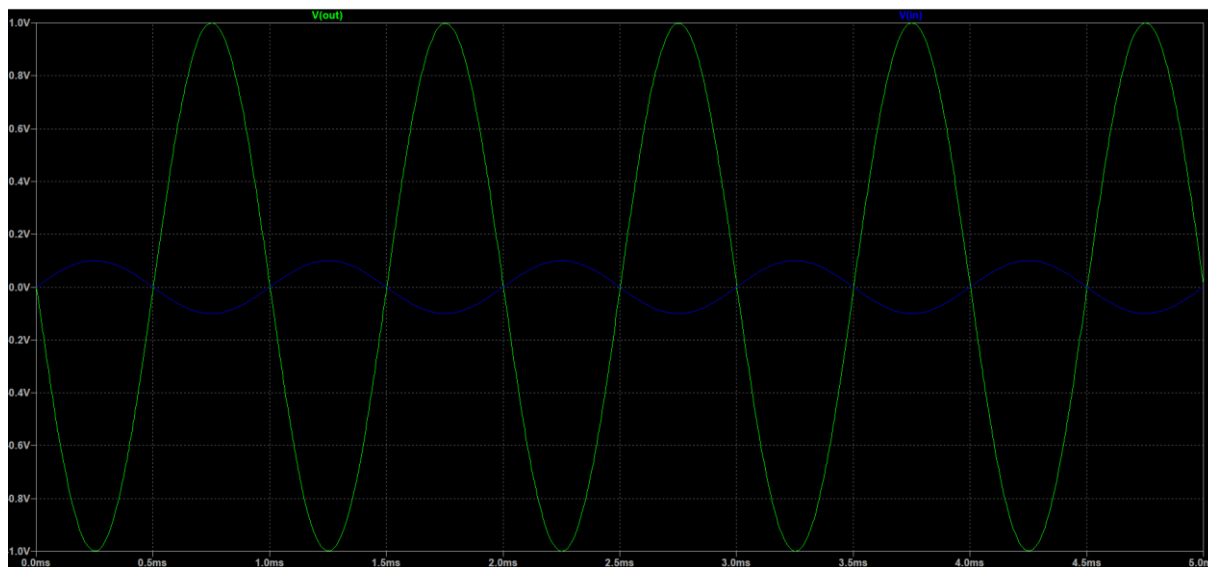
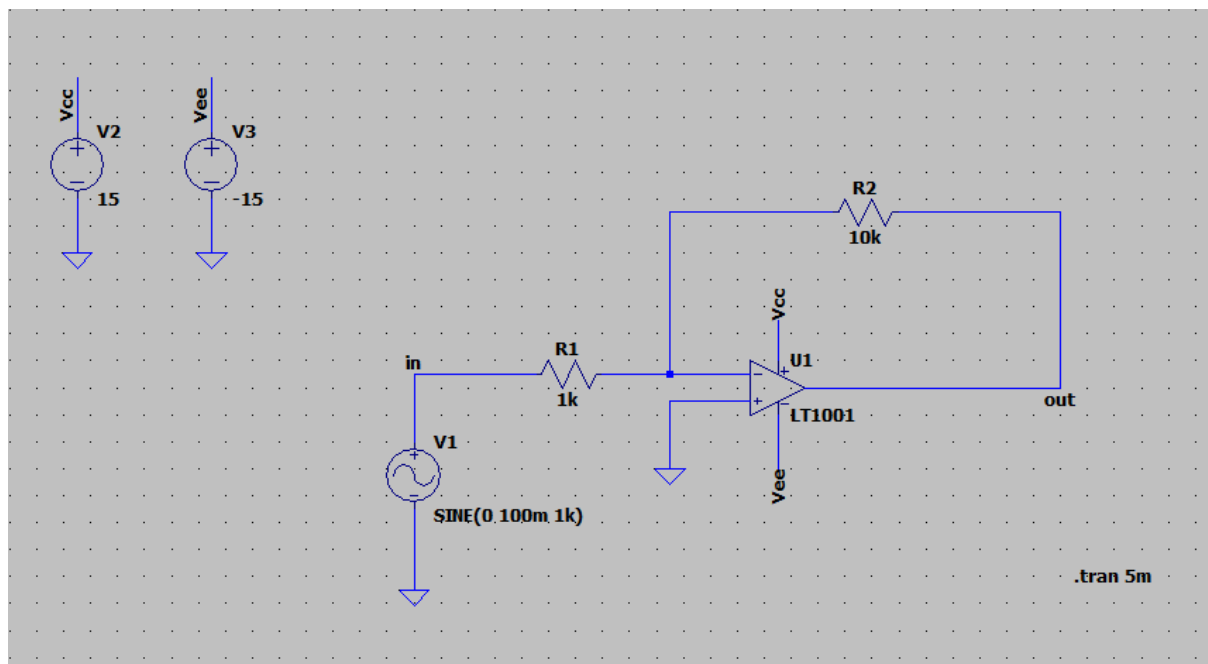
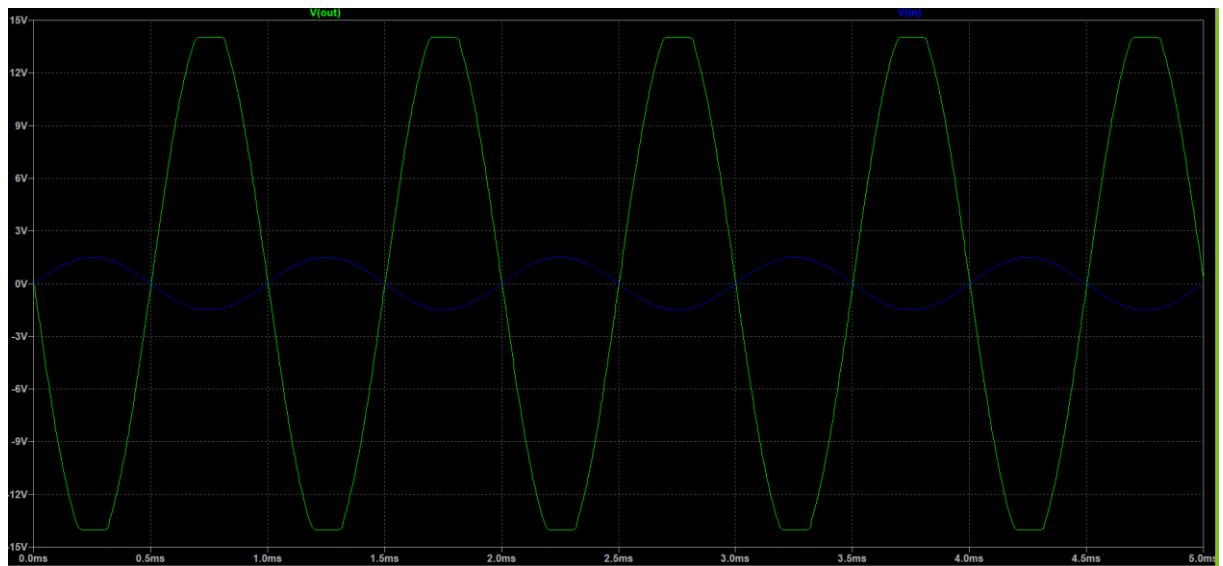


EHB311 – Experiment 4 Report**1) Inverting Amplifier**

Gain: -10

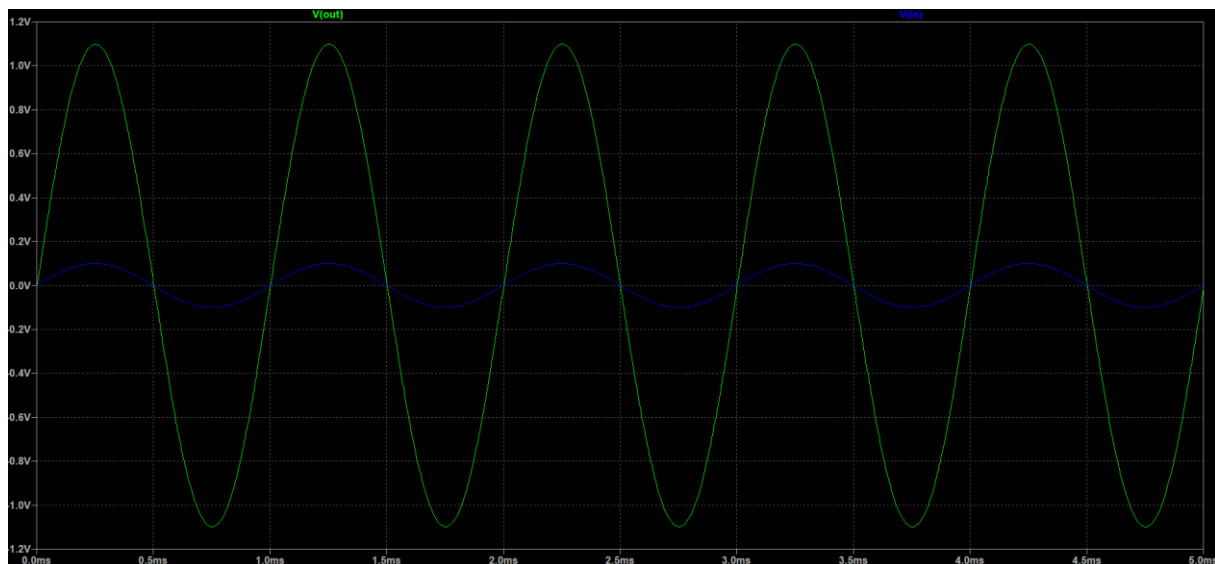
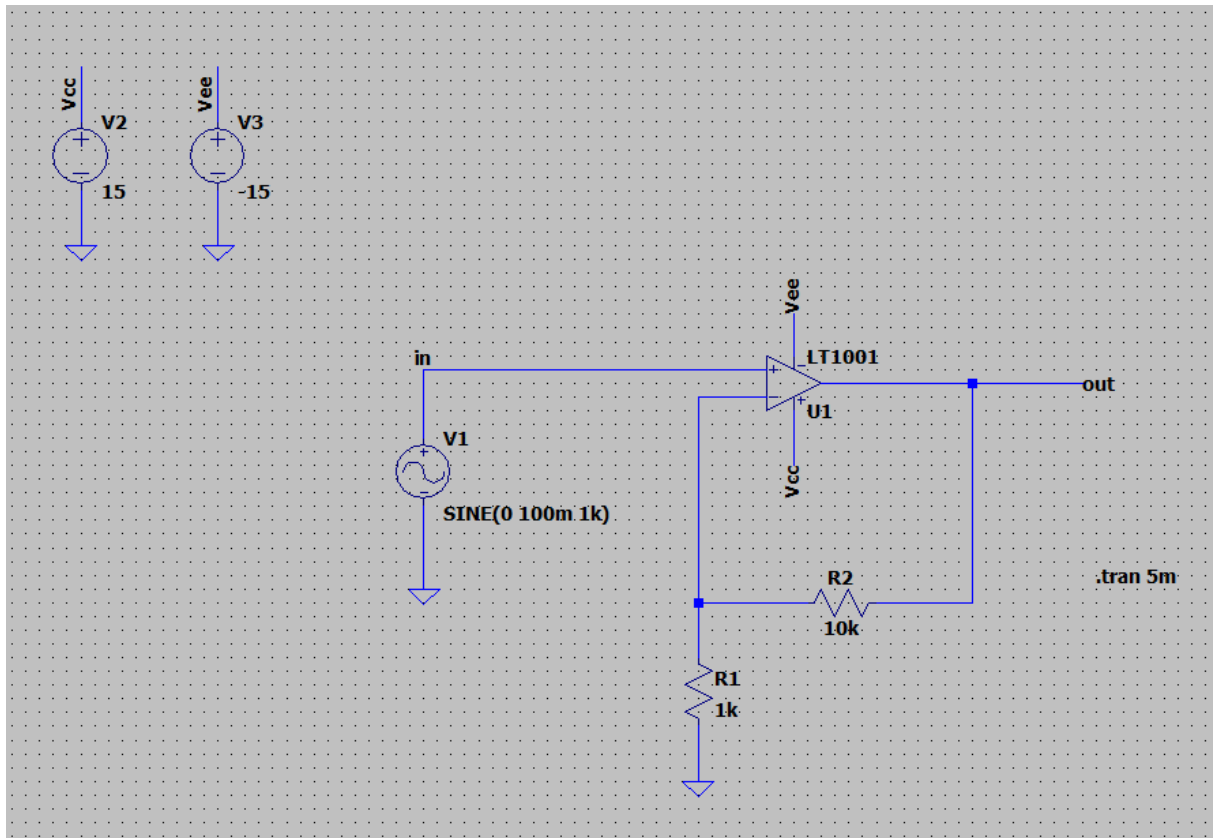
Maximum input voltage without clipping: 1.5V





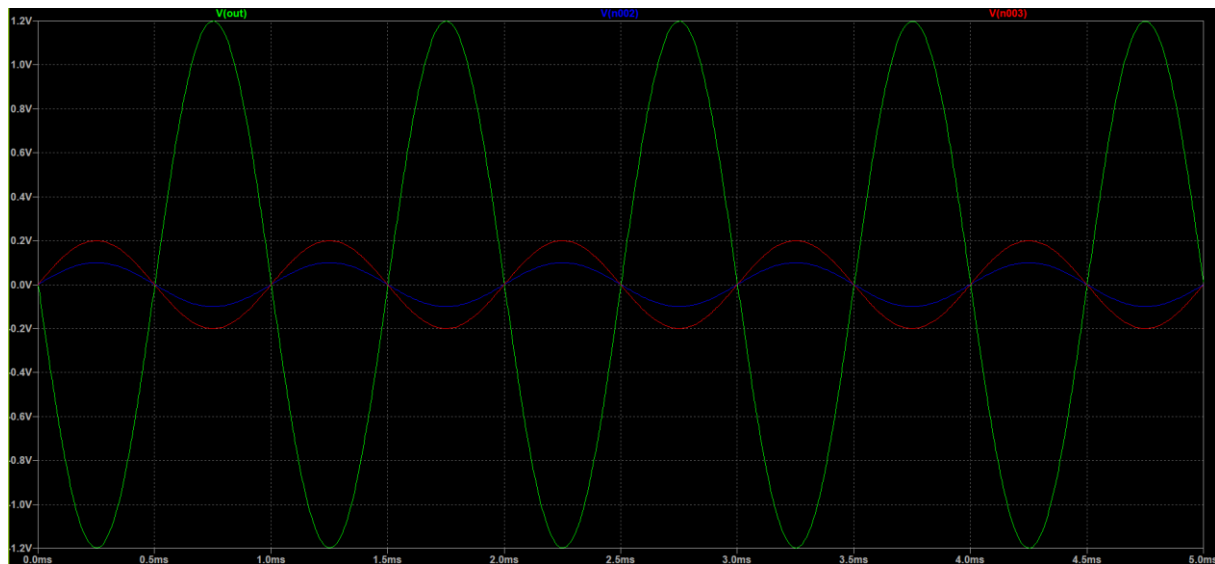
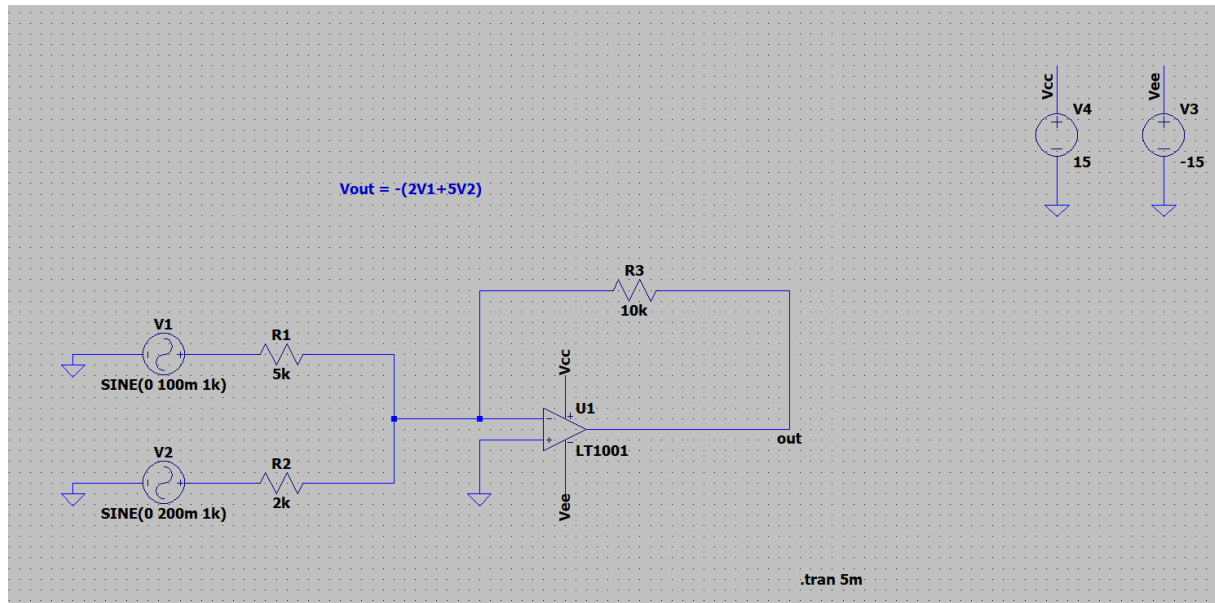
2) Non-Inverting Amplifier

Gain: 10



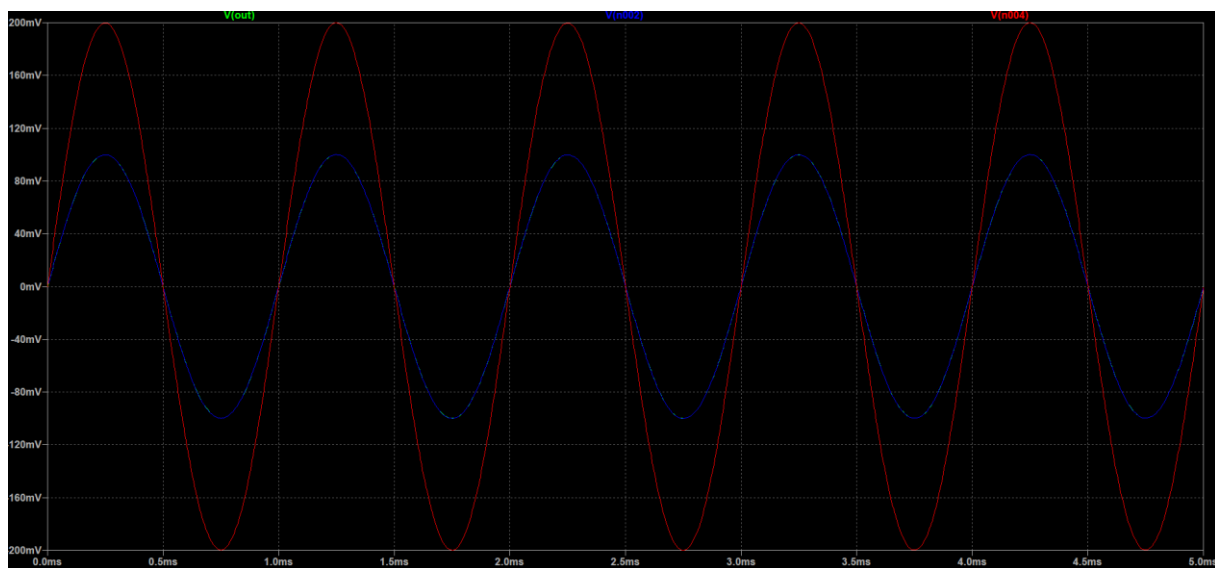
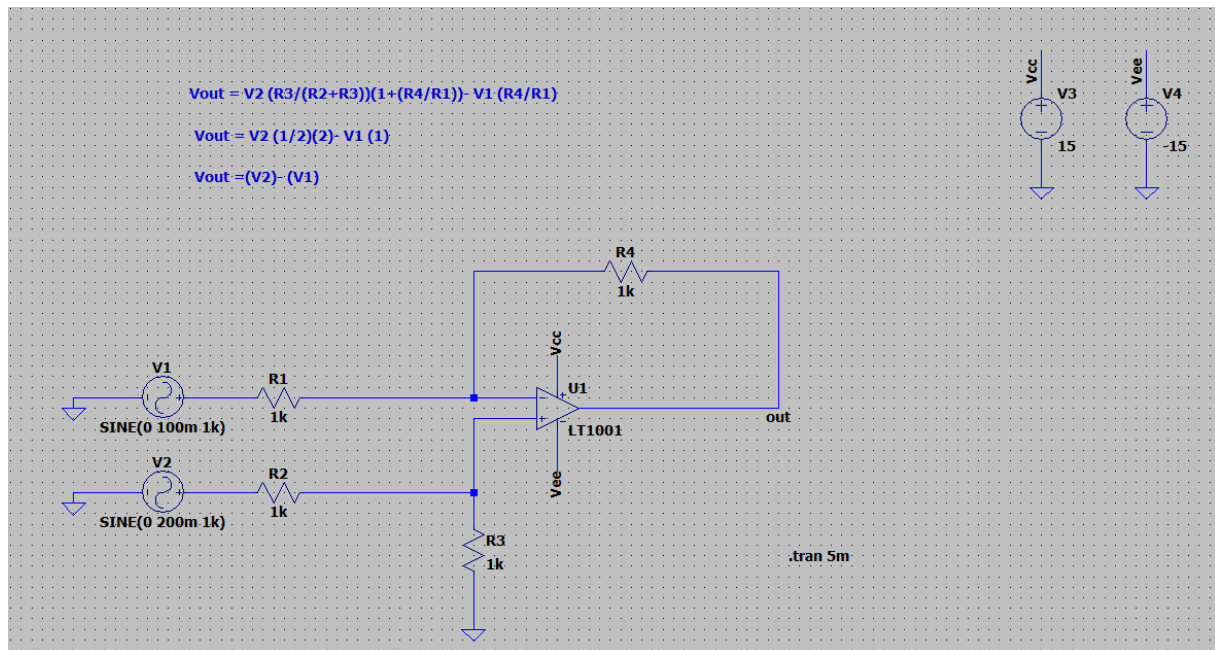
3) Summing Amplifier

$$V_{out} = -(2V_1 + 5V_2)$$

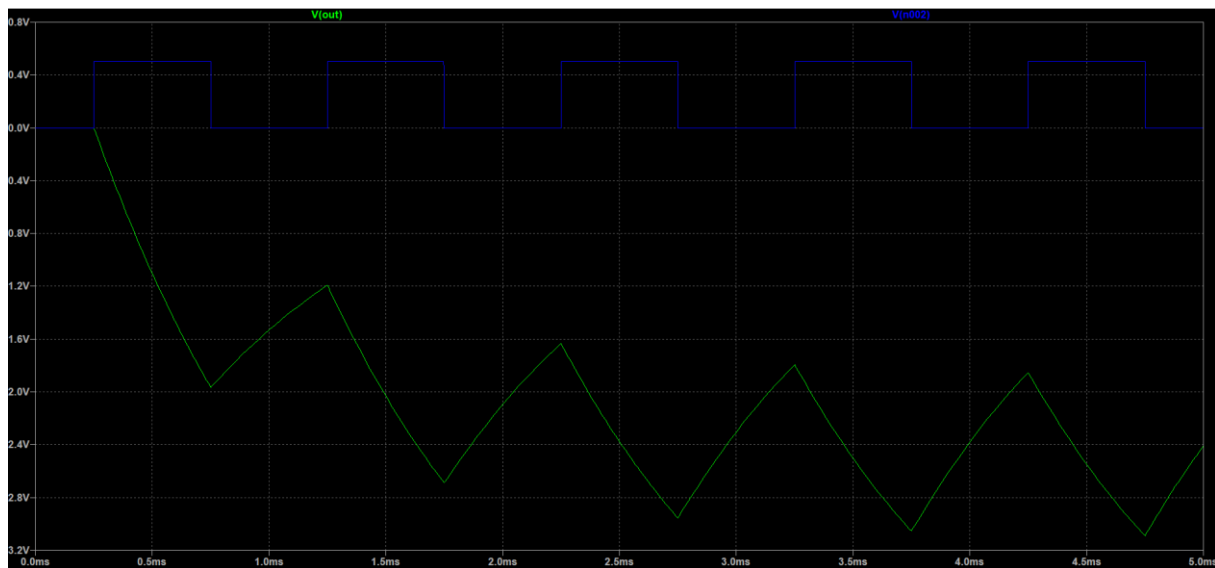
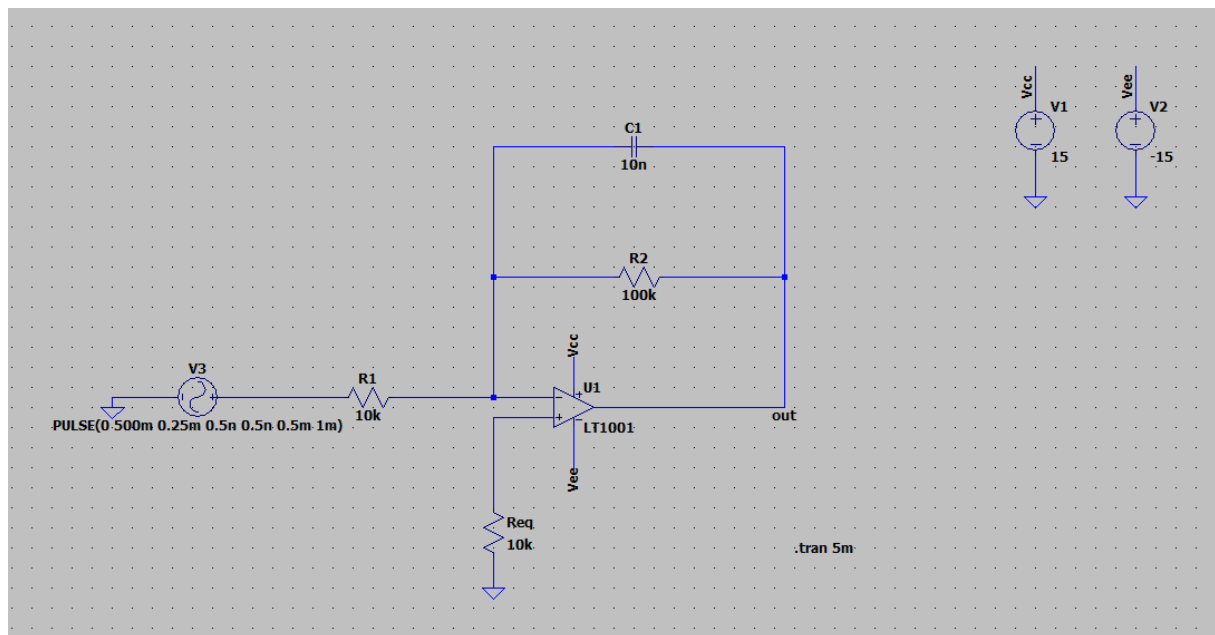


4) Difference Amplifier

$$V_{out} = V_2 - V_1$$



5) Integrator



Integrator-Differentiator

