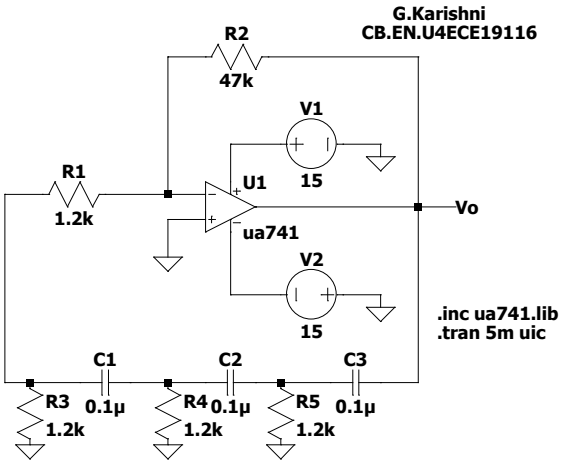
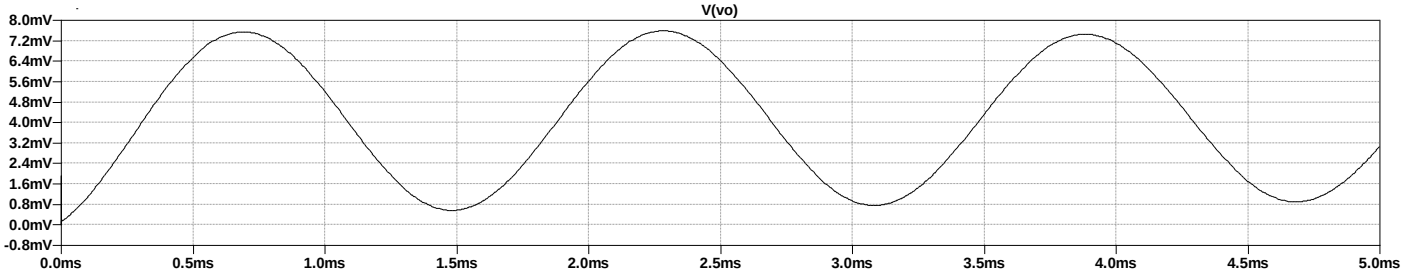
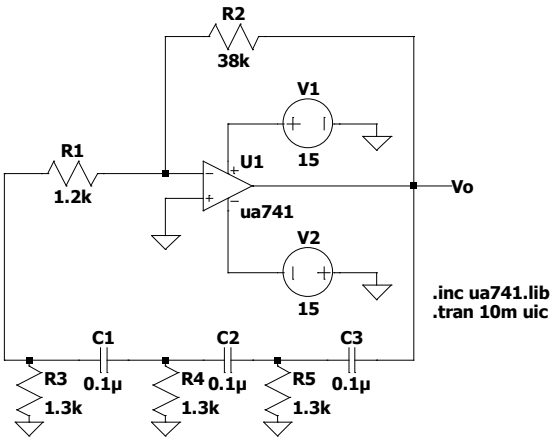
For R=680 ohm, C=0.1uF, R1=1.2k ohm, Rf = 47k ohm



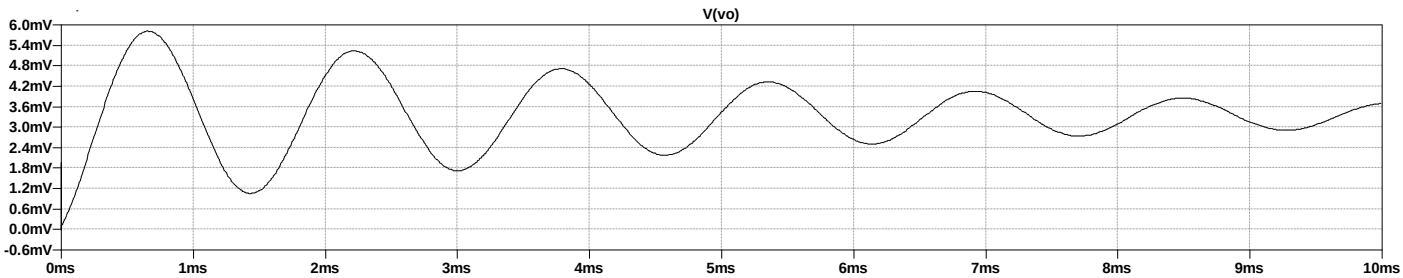
Output waveform



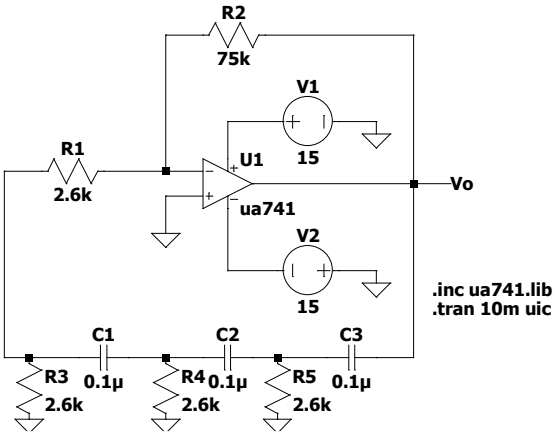
For frequency 500Hz



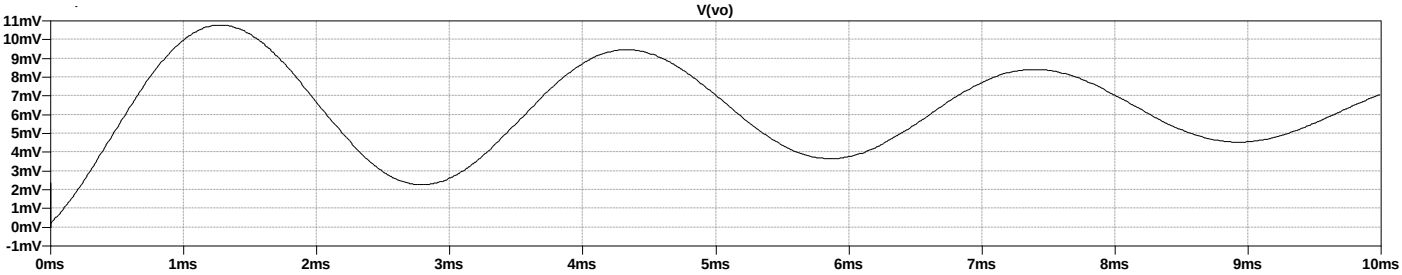
Output waveform



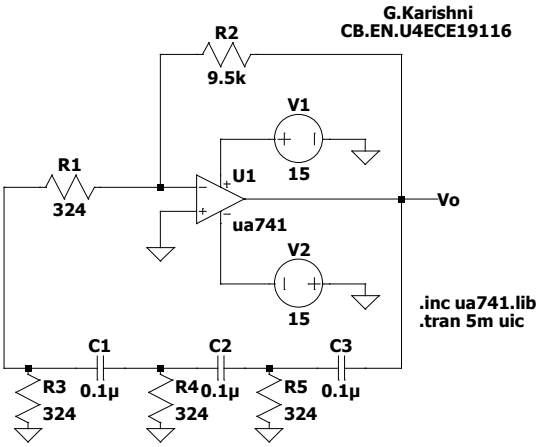
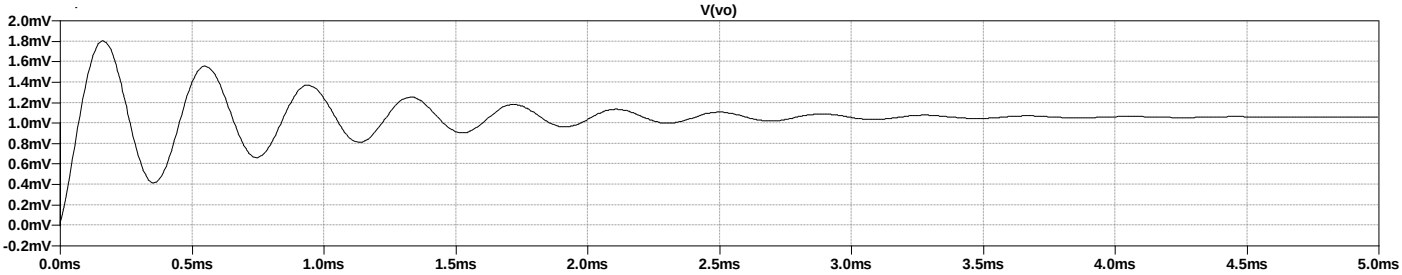
For frequency 250Hz



Output waveform



For frequency 2kHz



Output waveform