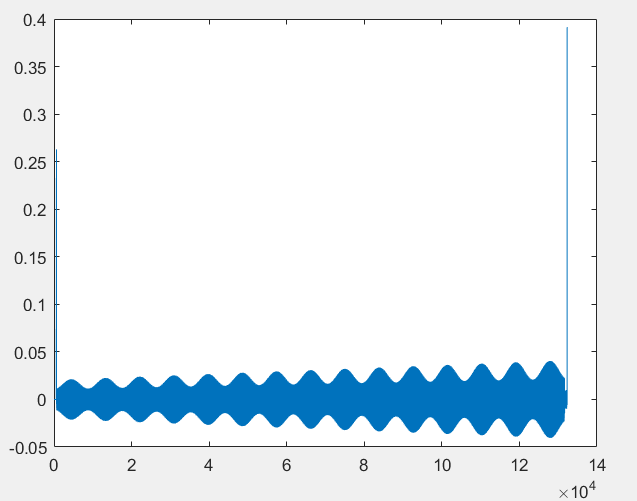
Parameter: modulation frequency = 5.0; vibration width = 0.01; amplitude = 1.0

(The outputs are attached to this folder.)

Test 1: sweep.wav

Subtract the outputs directly would cause some error. Shown below.

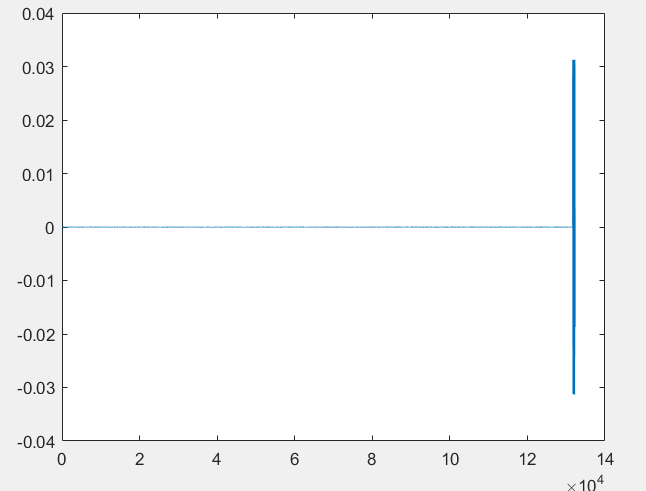
>> plot(data\_matlab(1:end,1) - data\_rust(1:end,1))



However, on the second inspection, I realized that this is due to the difference in the subscript.

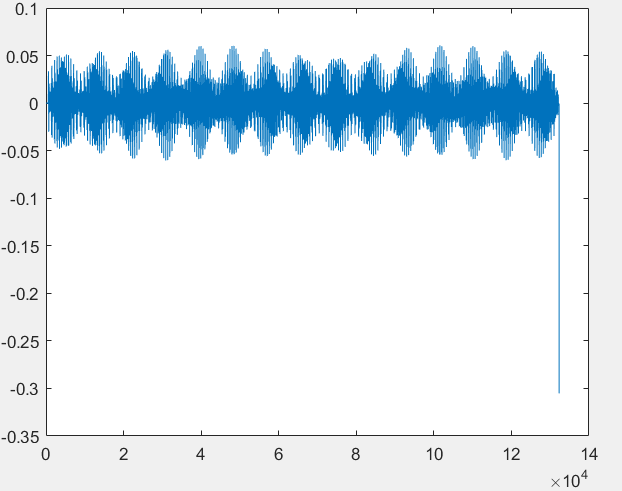
Subtract the index by 1 solves the problem.

>> plot(data\_matlab(1:end-1,1) - data\_rust(2:end,1))

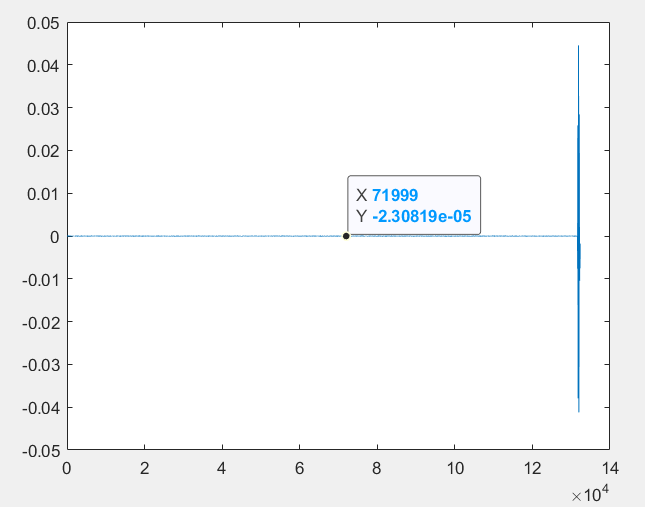


Test 2: stereo\_chord.wav. The results are similar.

>> plot(data\_matlab(1:end,1) - data\_rust(1:end,1))



After changing the index:



Spoiler: the matlab code can only handle one channel. My code can handle both.