demo 10

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Question 04:

Write a Python program to implement the flanger effect. Use interpolation for an improved result. As described in Chapter 2 of Audio Effects: Theory, Implementation and Application, the flanger effect is like the vibrato effect but it additionally has a direct path, as shown in the figure. The input signal should be read from a wave file.

Answer:

Made a modification in the *play_vibrato_interpolation_ver2.py* to implement the Flanger effect.

`gain = 0.6` (Line 59)

`y0 = x0 + gain*((1-frac) * buffer[krprev] + frac*buffer[krnext])` (Line 95)

The output is stored in the `cosine_200_hz_flanger.wav` file.