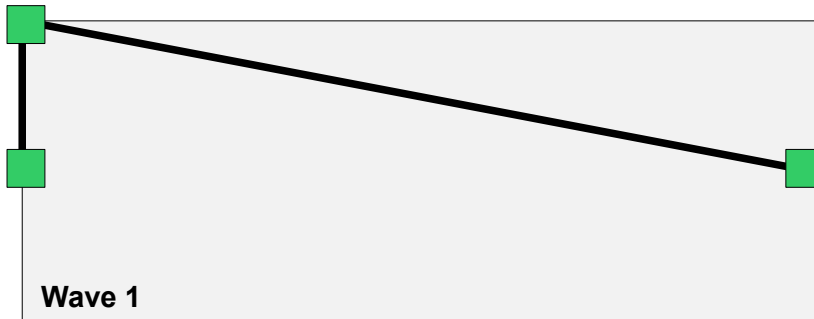


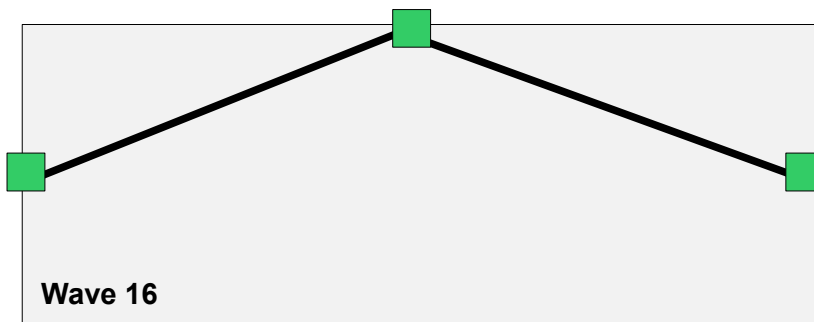
Phase distortion in zebra / zebralette

-Make sure that the phase distortion parameter is set to full effect, and oscillator resolution at max for fast modulation !
We will automate the wavescanning index by an env.

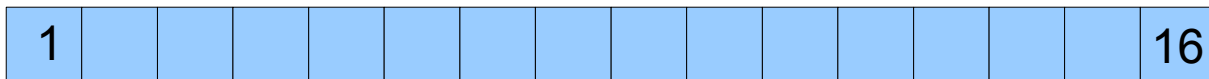


In phase distortion mode, we only use the Upper half of the window .
Here a saw wave is exactly a saw in pd mode

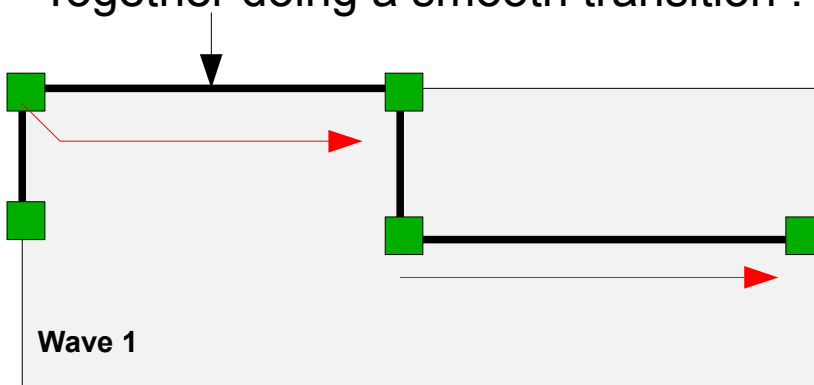
Interpolate these 2 waveforms from 1 (saw) to 16 (triangle) and we have a smooth transition
In phase distortion mode from saw to sine



Moving the upper left vertex , to the Middle position gives us a triangle wave.
But , in phase distortion mode a triangle is a sine wave
Remember to only use the upper half of the window .
You can of course use both sides of the Window, but then a triangle (upper and Lower half) would gives you 2 sine waves.

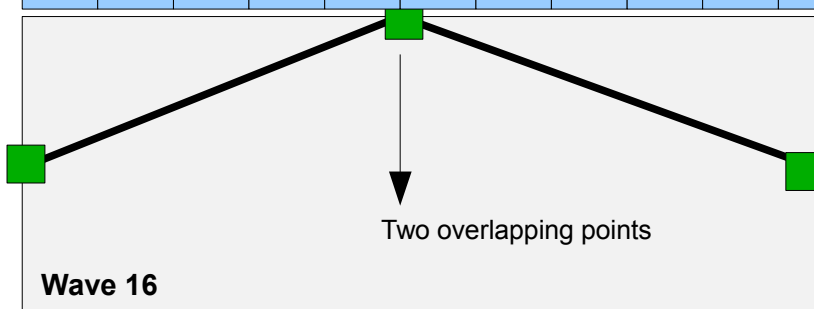


Important to always make sure that the vertex points are joined Together doing a smooth transition .



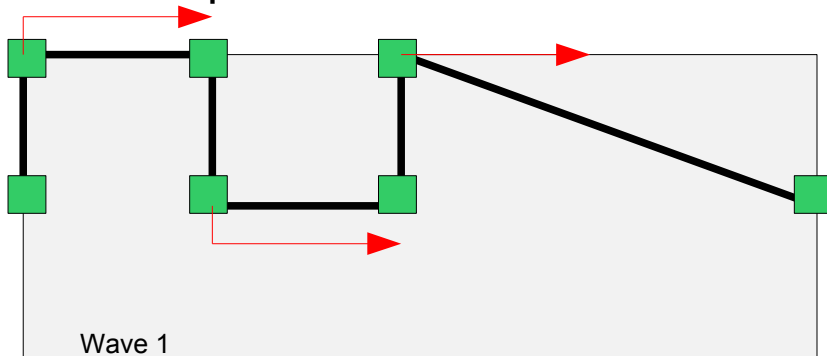
Square wave (once again only the Upper half of the window is used)

Let's now move it to a sine wave
In the middle position and
At the end, there are now two overlapping vertices , which doesn't matter

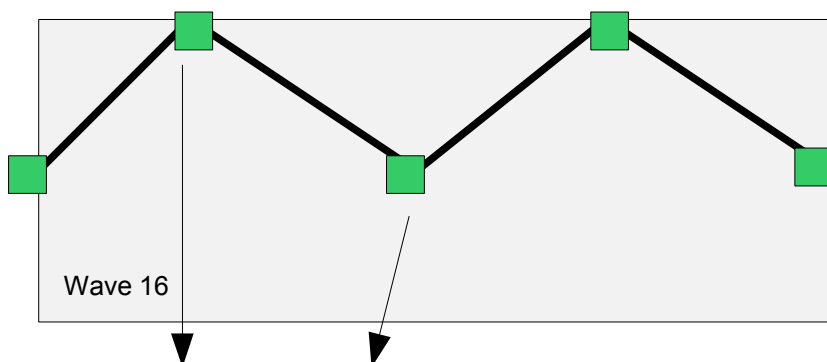
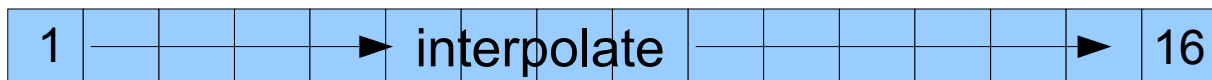


Two overlapping points

From square + saw to sine



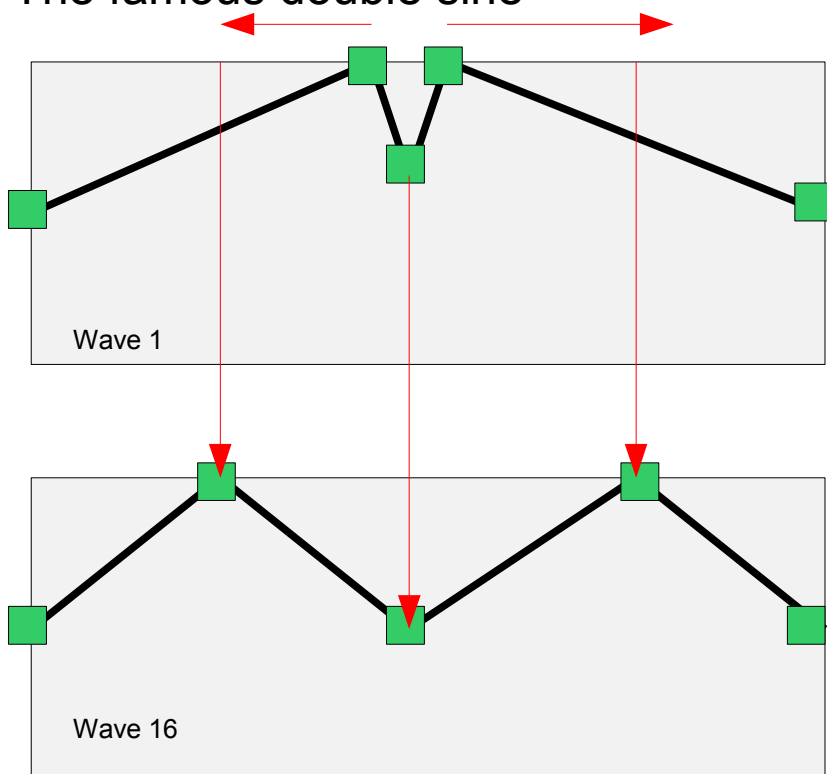
Here we have a square+saw
Let's move it to (two) sine waves



In the final wave, our square and saw
Have both transitioned to a sine wave.
The only way to do a smooth transition
was to overlap, join two vertices of the
square wave

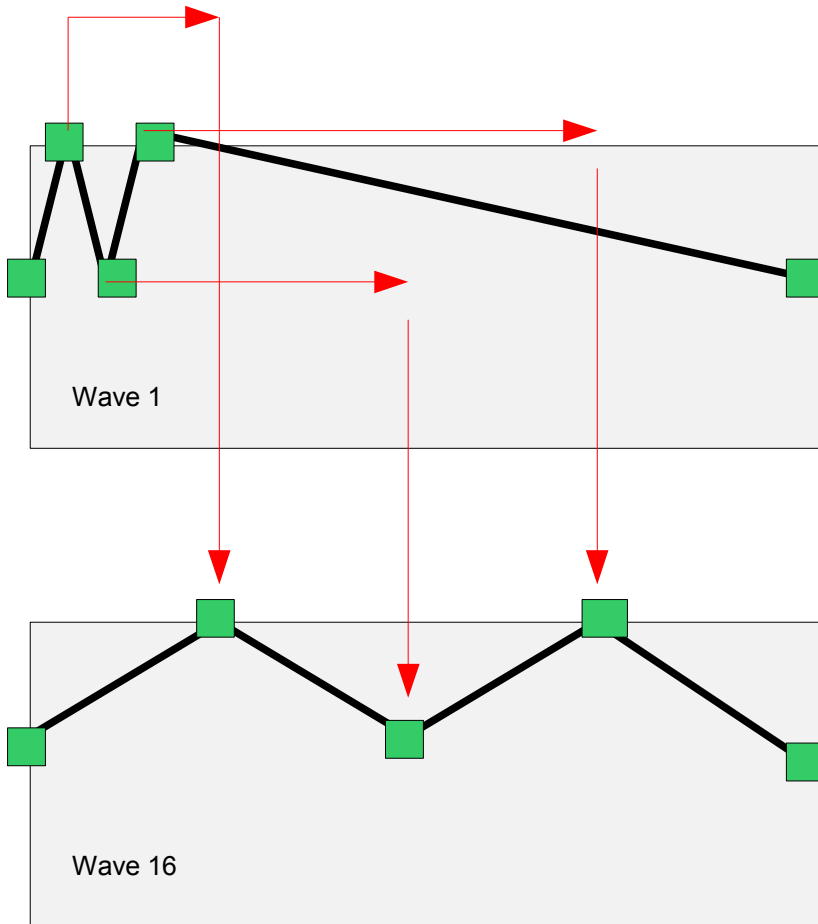
Two overlapping points

The famous double sine



Which gives us 2 sine
waves

Pulsaw to sine (*2)



Almost the same but different
Pulse +saw to sine

