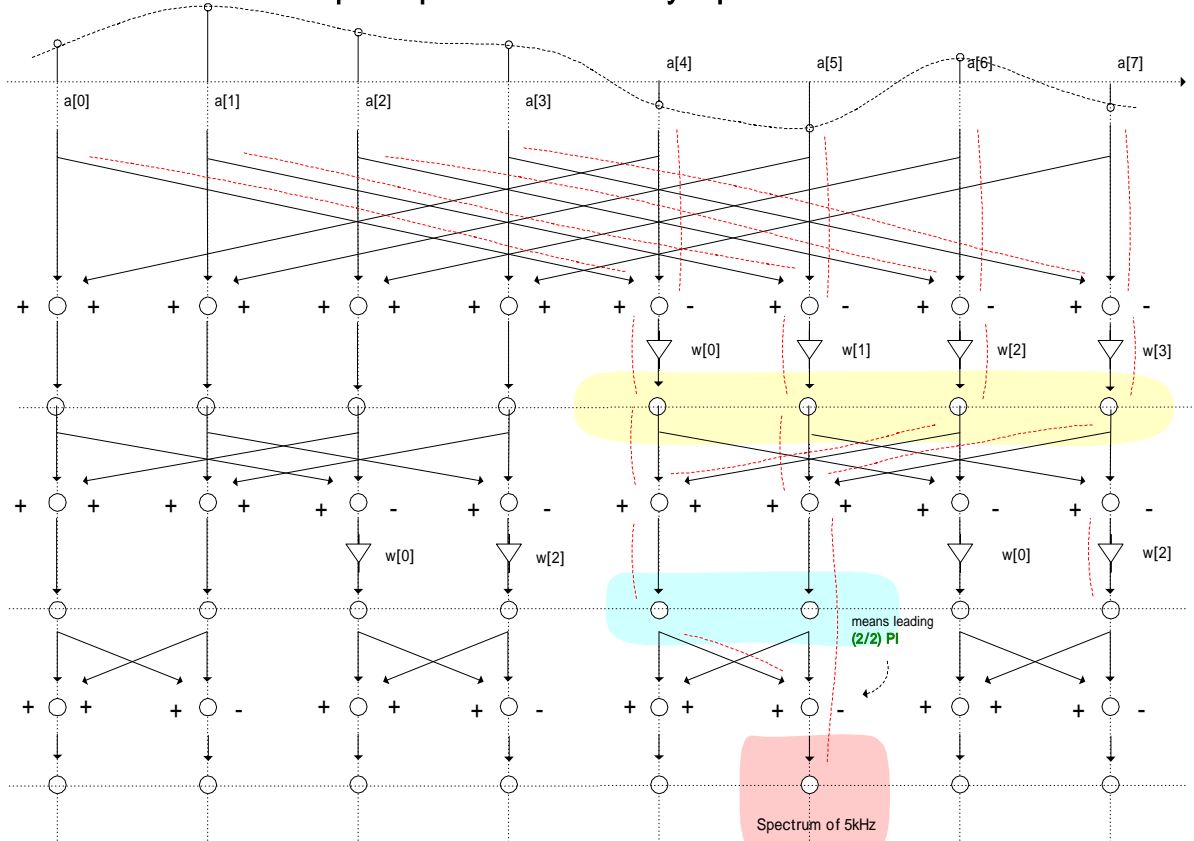
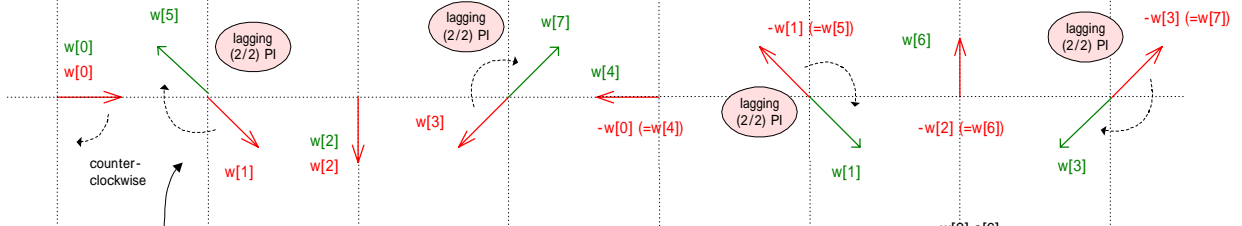


# Compute spectrum of 5kHz by 8 point FFT

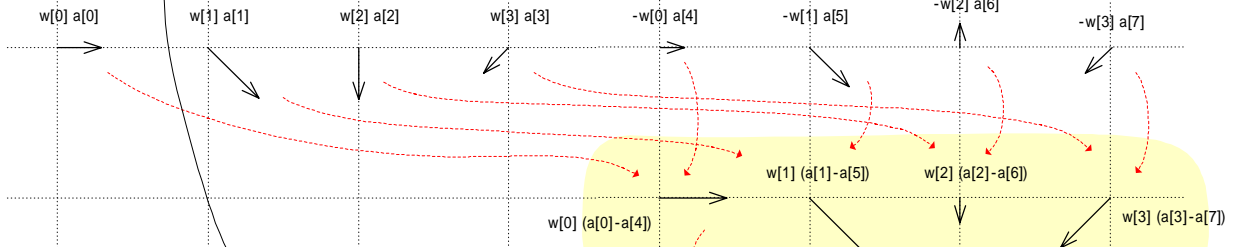
Time-domain data.  
Sampling Frequency is 8kHz



Twiddle Factor.  
Twiddling Frequency is 1kHz  
(the green is 5kHz)



Multiplication of  $w[n]$  and  $a[n]$



Vector calculation and FFT result

