

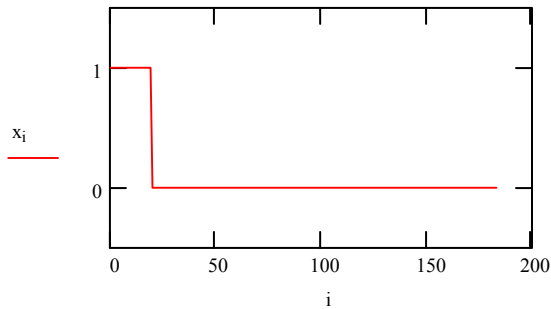
F7FTSTEP183S

Complex Fourier transform of step function of width 0 to d.  
183 points are used. The FT(inverse) of the FT is also shown

### Original function

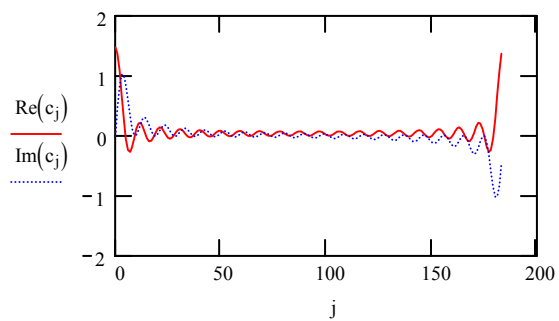
$i := 0..183$   
 $x_i := \Phi(i) - \Phi[i - (d)]$

Global definition  
of d  $d \equiv 20$



### Fourier transform

$c := \text{cfft}(x)$   
 $N := \text{last}(c)$   $N = 183$   
 $j := 0..N$



### Fourier transform (inverse) of Fourier transform

$z := \text{icfft}(c)$   
 $N2 := \text{last}(z)$   $N2 = 183$   $k := 0..N2$

