

$$M_p(i, j) := 0$$

$$M_t(i, j) := 10$$

$$M_o(i, j) := 4$$

$$M_t(i, j) := -0.025 (i - 16)^2 + 10$$

$$i := 0 .. 1023$$

$$t1 := \text{matrix}(496, 1, M_p)$$

$$t2 := \text{matrix}(32, 1, M_t)$$

$$t3 := \text{stack}(t1, t2, t1)$$

$$f1 := \text{matrix}(13, 1, M_p)$$

$$f2 := \text{matrix}(6, 1, M_o)$$

$$f3 := \text{stack}(f1, f2, f1)$$

$$g_1 := \text{matrix}(992, 1, M_p)$$

$$g_t := \text{stack}(f3, g_1)$$

$$j1 := \text{Re}(t3 * f3)$$

$$j2 := \text{submatrix}(j1, 0, 1023, 0, 0)$$

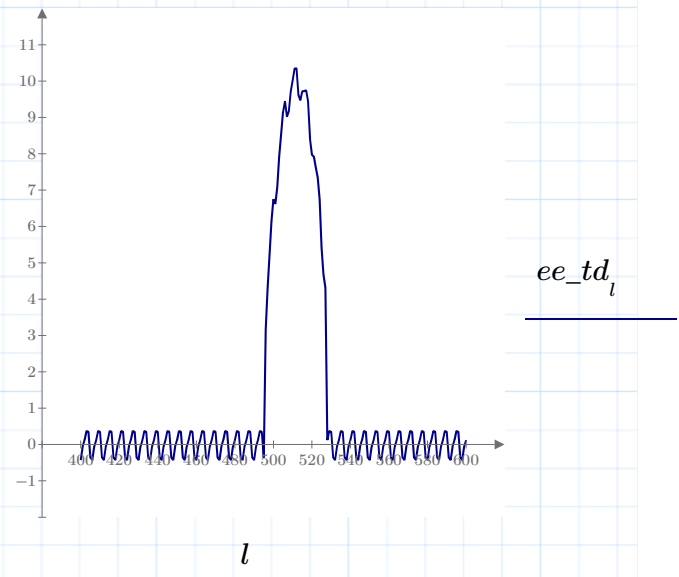
$$f_t := \text{fft}(g_t)$$

$$t_j := \text{fft}(j2)$$

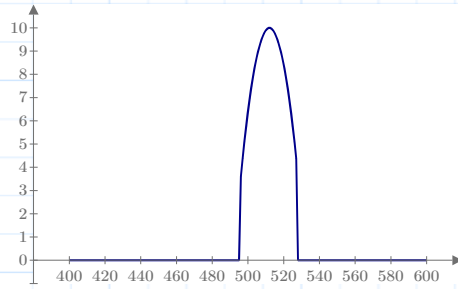
$$e_{tf} := \frac{t_j}{f_t}$$

$$ee_{td} := \text{Re}(\text{deconvolve}(j2, f3))$$

$$l := 400 .. 600$$



$i := 400..600$

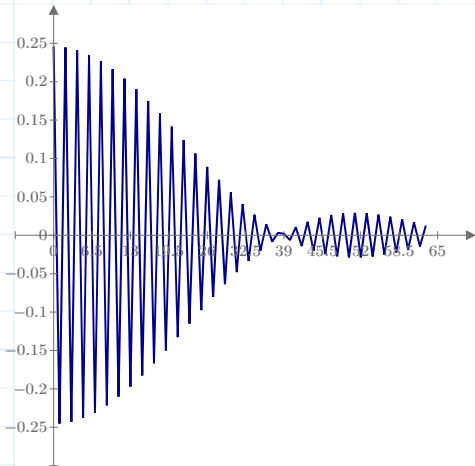


$t3_i$

$i$

$t4 := FFT(t3)$

$j := 0..63$

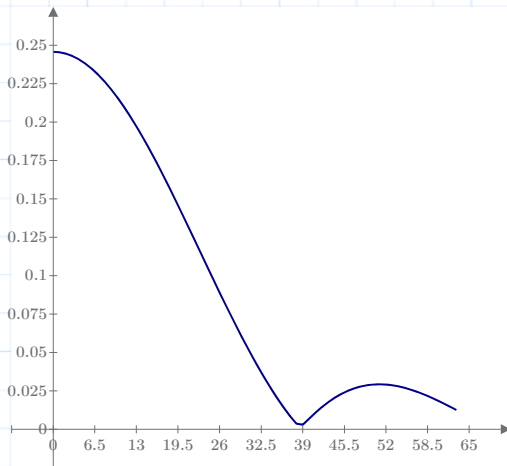


$Re(t4_j)$

$j$

$t4 =$

0.246
$-0.245 - 3.446i \cdot 10^{-4}$
$0.244 + 6.859i \cdot 10^{-4}$
$-0.243 - 0.001i$
$0.241 + 0.001i$
$-0.238 - 0.002i$
$0.235 + 0.002i$
$-0.231 - 0.002i$
$0.226 + 0.002i$
$-0.222 - 0.003i$
$0.216 + 0.003i$
$-0.21 - 0.003i$
$0.204 + 0.003i$
$-0.197 - 0.003i$
$0.19 + 0.003i$
$-0.183 - 0.003i$
$0.175 + 0.004i$
$-0.167 - 0.003i$
$0.158 + 0.003i$
$-0.15 - 0.003i$
$0.141 + 0.003i$
$-0.133 - 0.003i$
$0.124 + 0.003i$
$-0.115 - 0.003i$
$\vdots$



$|t4_j|$

$j$