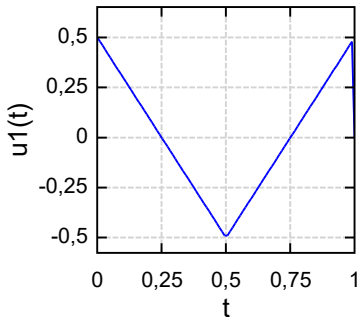
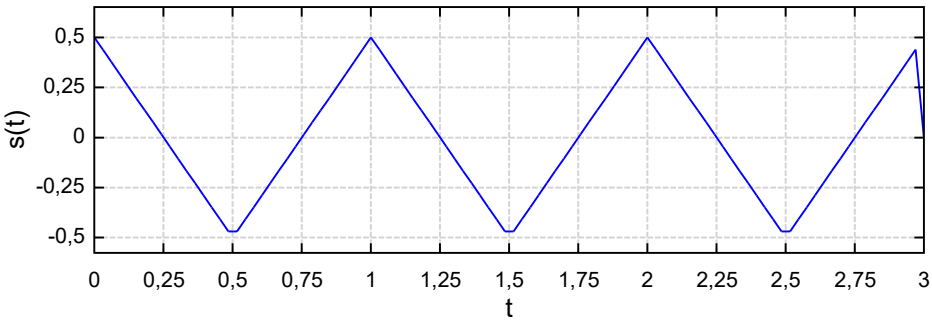
$U_o := 1$ $M := 3$ $T := 1$ мс $t_{max} := M \cdot T$ appVersion(4) = "0.99.6965.1566"

$$u_1(t) := \text{if } (0 \le t) \wedge (t < T) \; U_o \cdot \left(\frac{2}{T} \cdot \left| t - \frac{T}{2} \right| - \frac{1}{2} \right) \text{ else } 0$$

$$s(t) := \sum_{m=0}^{M-1} u_1(t - m \cdot T)$$





$u_1(t \text{ мс})$ $s(t \text{ мс})$

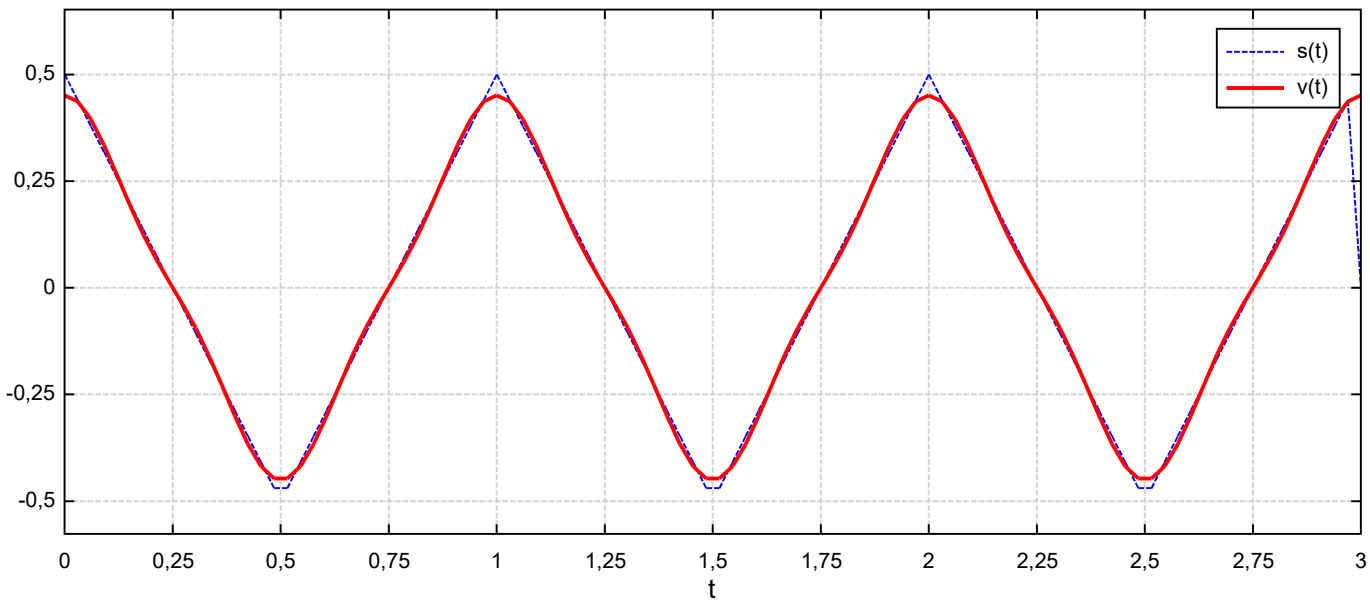
$N := 2^6$ $\Delta t := \frac{T}{N}$ $\Delta f := \frac{1}{T}$

for $n \in [1..N]$
$u_n := u_1((n-1) \cdot \Delta t)$

$xy := \text{al\_fftc1d}(u, N)$ $x := \text{Re}(xy)$ $y := \text{Im}(xy)$

$a := 2 \cdot \frac{x}{N}$ $b := -2 \cdot \frac{y}{N}$ $\omega_1 := \frac{2 \cdot \pi}{T}$ $n := 3$

$$v(t) := \frac{a_1}{2} + \sum_{k=1}^{n} a_{k+1} \cdot \cos(k \cdot \omega_1 \cdot t) + b_{k+1} \cdot \sin(k \cdot \omega_1 \cdot t)$$



$s(t \text{ мс})$
$v(t \text{ мс})$