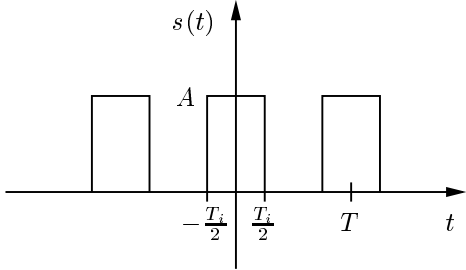
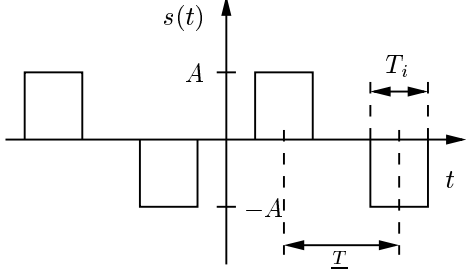
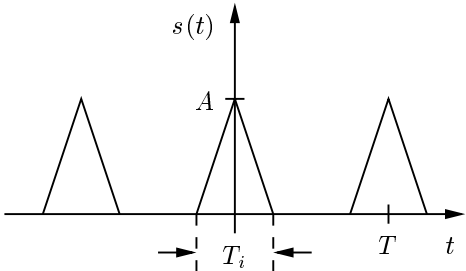
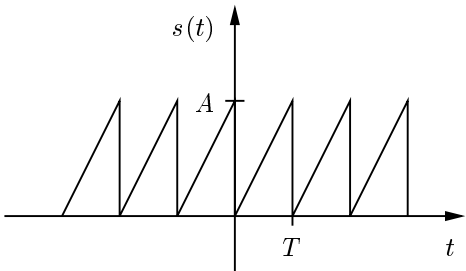
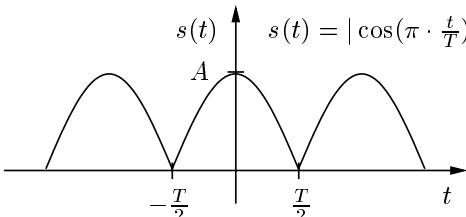


Fourier series

	$s(t) = \sum_{n=-\infty}^{\infty} c_n \cdot e^{jn\omega_0 t}$ $c_n = \frac{A \cdot T_i}{T} \cdot \text{sinc} \left(n \cdot \pi \cdot \frac{T_i}{T} \right)$
	$c_n = -j \cdot \frac{2 \cdot A \cdot T_i}{T} \cdot \text{sinc} \left(n \cdot \pi \cdot \frac{T_i}{T} \right) \cdot \sin \left(n \cdot \frac{\pi}{2} \right)$
	$c_0 = \frac{A}{2} \cdot \frac{T_i}{T}$ $c_n = \frac{A \cdot T}{n^2 \cdot \pi^2 \cdot T_i} \cdot \left(1 - \cos \left(n \cdot \pi \cdot \frac{T_i}{T} \right) \right)$ $n \neq 0$
	$c_n = j \cdot \frac{A}{2 \cdot \pi \cdot n} \quad \text{für } n \neq 0$ $c_0 = \frac{A}{2}$
	$c_n = \frac{-2 \cdot A}{(4n^2 - 1) \cdot \pi} \cdot \cos(n \cdot \pi)$ $\omega_0 = \frac{2 \cdot \pi}{T}$