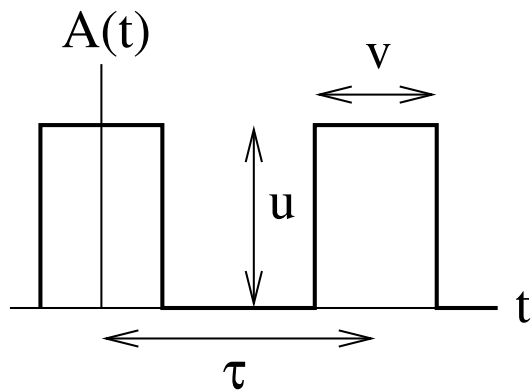


[mex185] Fourier coefficients of periodic sequence of rectangular pulses

(a) Find the Fourier coefficients a_n, b_n of a periodic driving force $F(t) = mA(t)$ in the shape of a sequence of rectangular pulses as shown. (b) Each pulse has an area $c = uv$. Find the Fourier coefficients in the limit $u \rightarrow \infty, v \rightarrow 0$ at fixed c .



Solution: