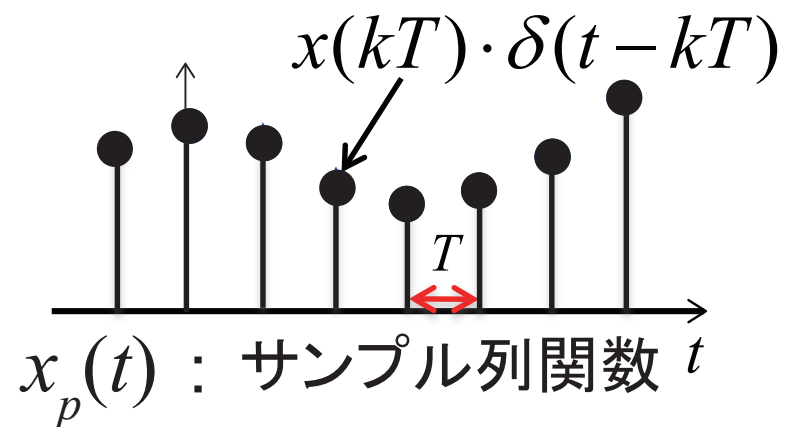


(a)

$$x_p(t) = \sum_{k=-\infty}^{\infty} x(kT) \delta(t - kT)$$

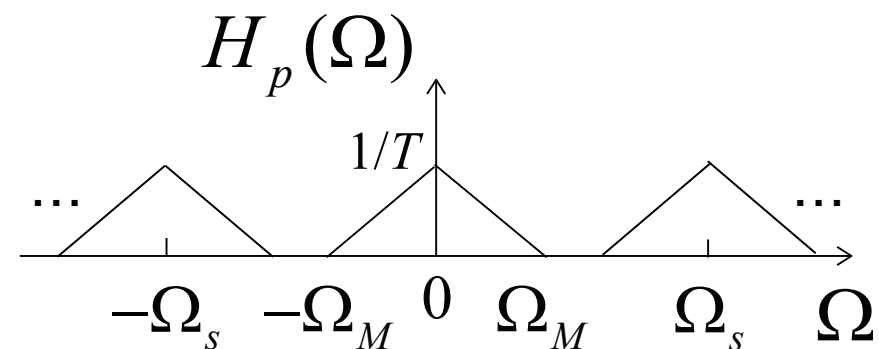


フーリエ変換

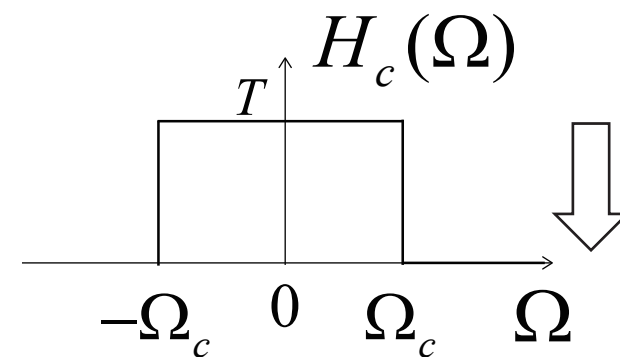


(b)

$$X_p(\Omega) = \frac{1}{T} \sum_{k=-\infty}^{\infty} X(\Omega - k\Omega_s)$$



(c)

理想  
通過

(e)

(d)