























方差是对能量谱密度函数 在频域上的积分
自相关定义 $R_{ww}(\tau) = \overline{w'(t)w'(t+\tau)} = \lim_{T_p \to \infty} \frac{1}{2T_p} \int_{-T_p}^{T_p} w'(t)w'(t+\tau)d\tau$
傳立叶变换对 $S_{ww}(\omega) = \frac{1}{2\pi} \int_{-\infty}^{\infty} R_{ww}(\tau) e^{i\omega\tau} d\tau$
$R_{ww}(0) = \int_{-\infty}^{\infty} S_{ww}(\omega) e^{-i\omega 0} d\omega = \int_{-\infty}^{\infty} S_{ww}(\omega) d\omega = w'(t)w'(t+0) = W'^{2}$
$\overline{w'^2} = \int_{-\infty}^{\infty} S_{ww}(\omega) d\omega$





















































$$T_{T}(f) = \frac{T_{m}(f)}{T(f)} = \frac{1}{1 - j2\pi f\tau}$$
$$T_{T}(f) = \frac{1}{\sqrt{1 + (2\pi f\tau)^{2}}}$$

$$T_{TT}(f,\tau) = \frac{1}{1 + (2\pi f \tau)^2}$$



$$T_{Tw}(f) = T_T(f)T_{w\_LA}(f)$$























