

$$X_{\text{méd}} = \frac{1}{T} \int_0^T x(t) dt$$

$$X_{\text{rms}} = \sqrt{\frac{1}{T} \int_0^T x^2(t) dt}$$

$$P(t) = V(t) \times I(t)$$

$$P = R I_{\text{ef}}^2 + E I_{\text{av}}$$

$$S = V_{\text{ef}} \times I_{\text{ef}}$$

$$FP = \frac{P}{S}$$

$$= \frac{\cos \phi_1}{\sqrt{1 + TDH^2}}$$

$$TDH = \frac{\sqrt{\sum I_n^2}}{I_1}$$

$$\text{ideal } TDH = 0$$