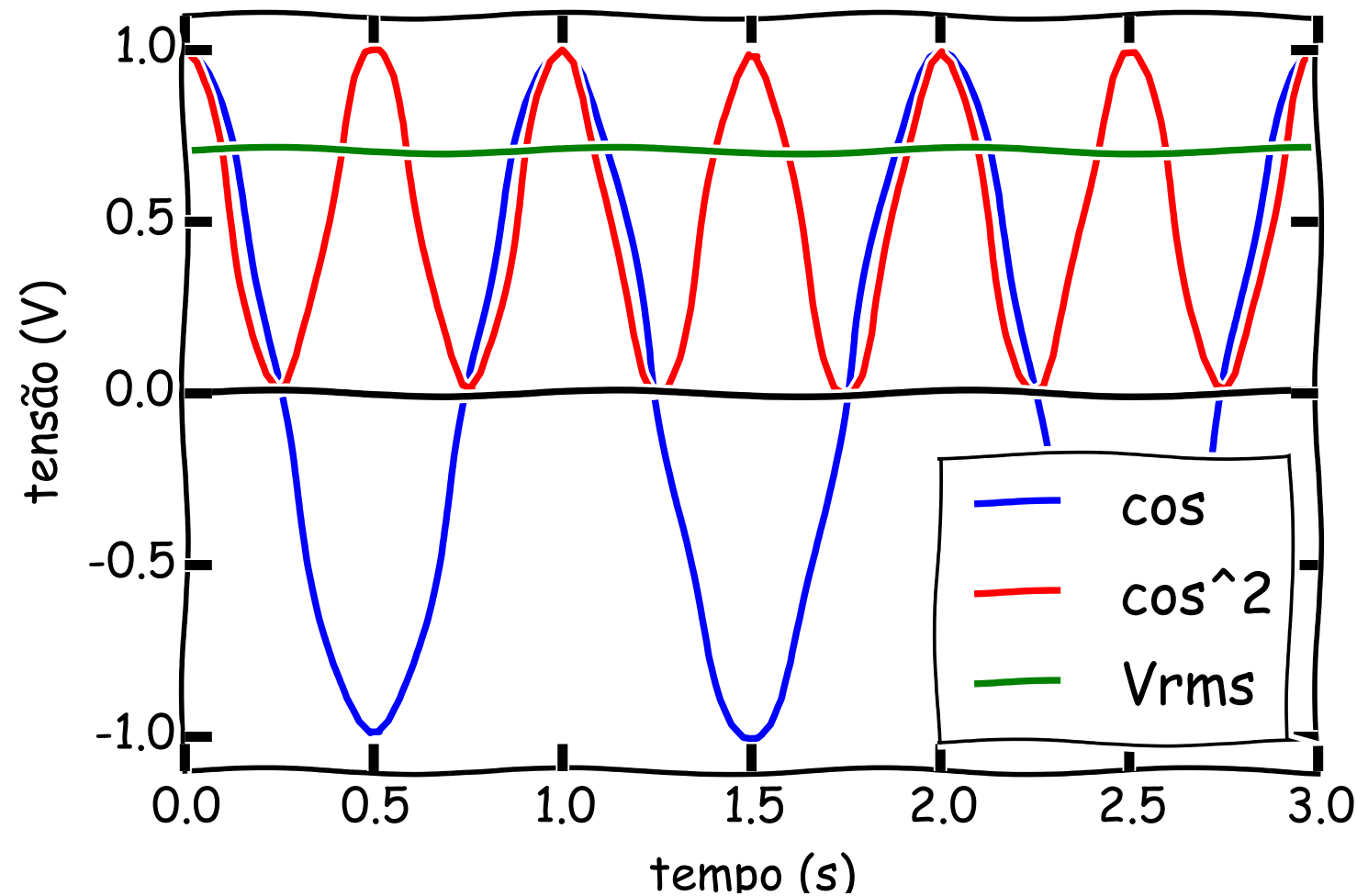




Valor RMS



Valor RMS:

$$\epsilon_{rms} = \sqrt{\frac{1}{T} \int_0^T \epsilon(t)^2 dt}$$

$$\epsilon_{rms} = \frac{\epsilon_0}{\sqrt{2}}$$

$$\epsilon_1(t) = \epsilon_0 \cos(\omega t) \quad \begin{cases} \epsilon_0 = 1V \\ \omega = 2\pi f \\ f = 1 \text{ Hz} \end{cases}$$

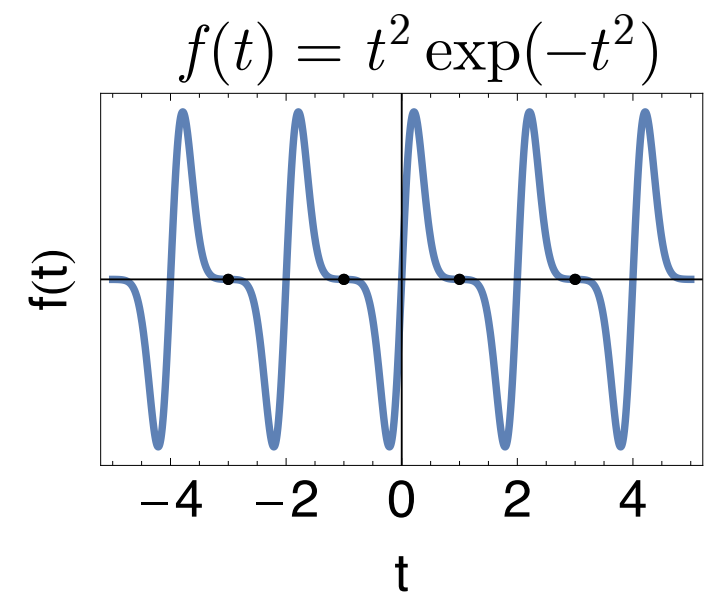
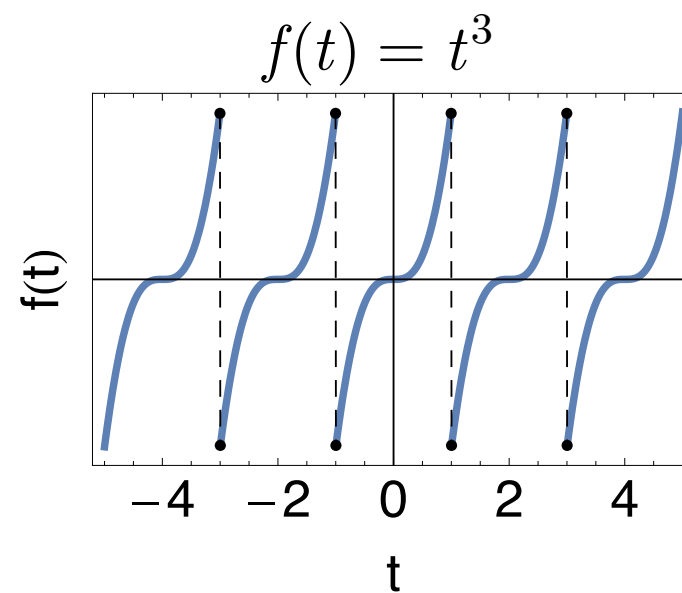
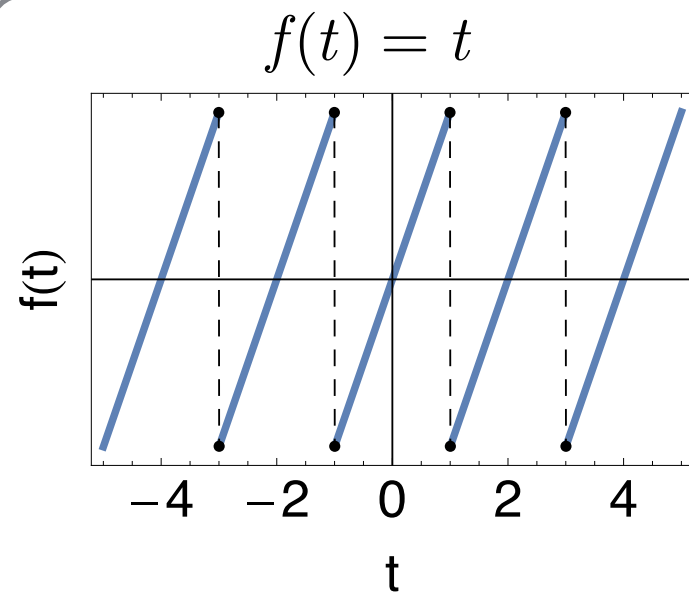
Valor RMS em campinas (127V)

$$\epsilon_0 = \sqrt{2} \times \epsilon_{rms} \approx 179 \text{ V}$$

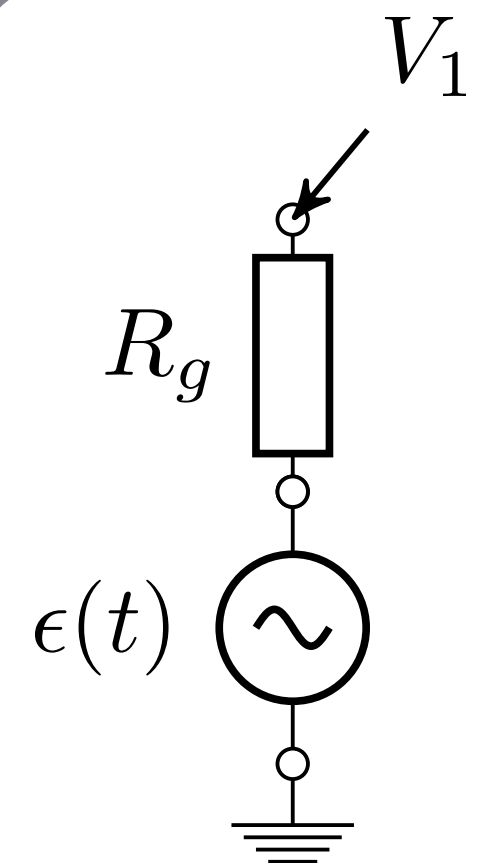
$$\epsilon_{pp} = 2\epsilon_0 \approx 360 \text{ V}$$



Gerador de formas de onda



Fabricante: BK Precision
Modelo: 4052



Equivalente Thevenin