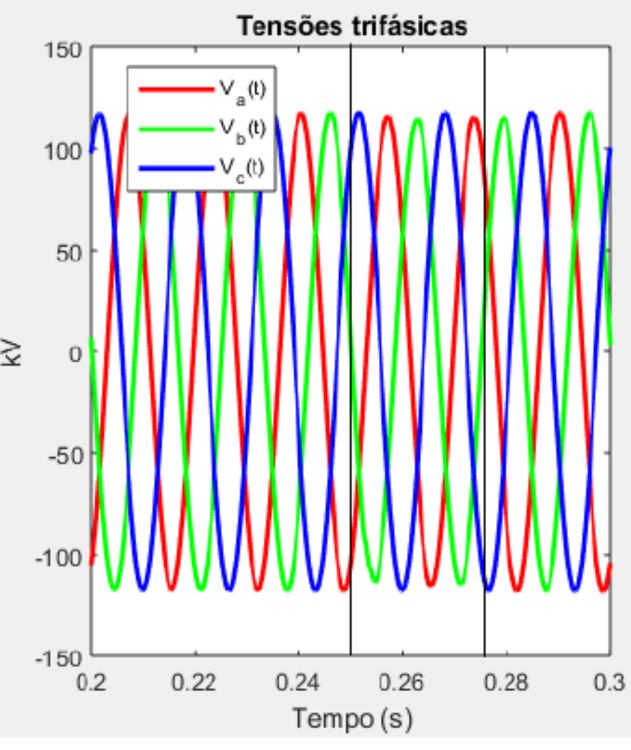

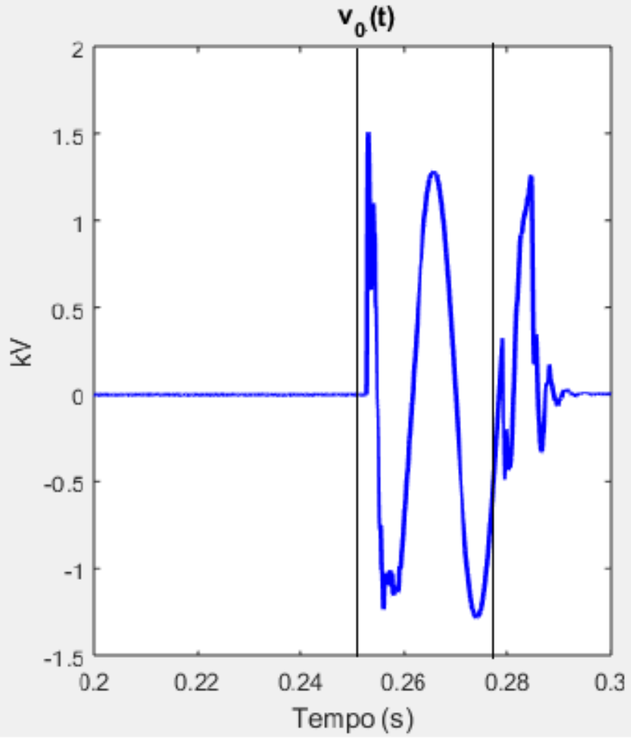

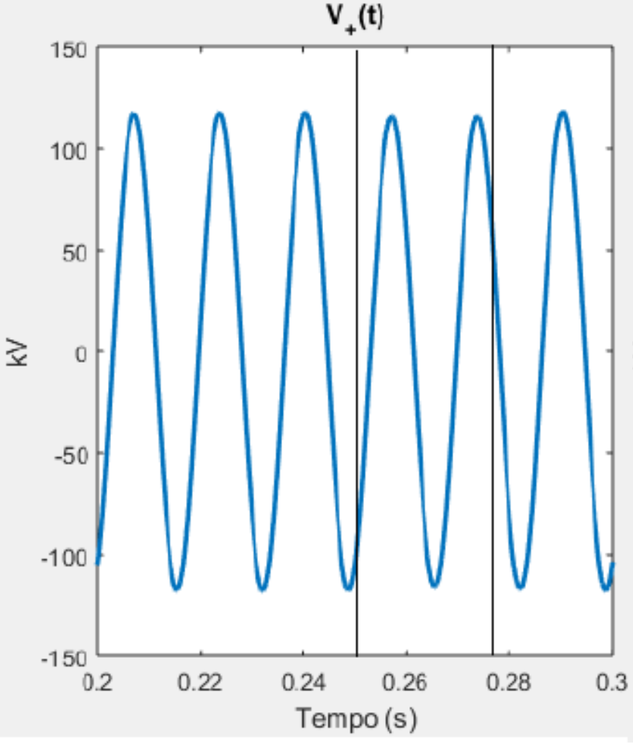

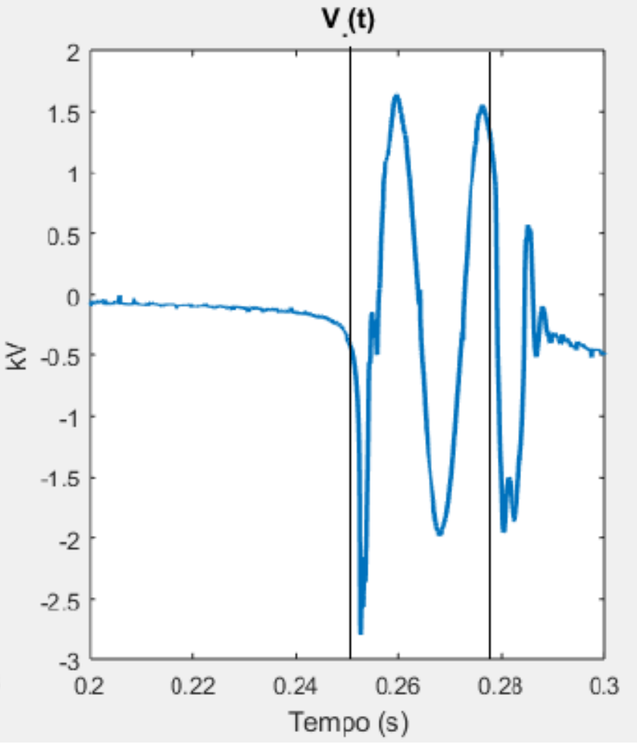

$$v_2(\omega t) = \frac{1}{3}\begin{pmatrix} 1 & -\frac{1}{2} & -\frac{1}{2} \end{pmatrix}\begin{pmatrix} g_\omega(t)v_a(\omega t) \\ g_\omega(t)v_b(\omega t) \\ g_\omega(t)v_c(\omega t) \end{pmatrix} + \frac{1}{3}\begin{pmatrix} 0 & \frac{\sqrt{3}}{2} & -\frac{\sqrt{3}}{2} \end{pmatrix}\begin{pmatrix} H\{g_\omega(t)v_a(\omega t)\} \\ H\{g_\omega(t)v_b(\omega t)\} \\ H\{g_\omega(t)v_c(\omega t)\} \end{pmatrix} \tag{12}$$

$$H\{s(t)\} = \frac{1}{\pi}\int_{-\infty}^{+\infty} \frac{s(\tau)}{\tau - t} d\tau$$