$$U\_{2}\left(t\right)=\left[ 50-50e^{-t}+ 57,74e^{-0,5t}\cos(\left(0,866t+ \frac{π}{2}\right))\right]\*(-0,000001\leq t\leq 0)-$$

$$-\left[100-100e^{-\left(t-\frac{3π}{2}\right)}+115,48e^{-0,5\left(t-\frac{3π}{2}\right)}\cos(\left(0,866\left(t-\frac{3π}{2}\right)+ \frac{π}{2}\right))\right]\*(-\frac{3π}{2}<t<0)$$

$$+ \left[ 50-50e^{-(t-\frac{3π}{2})}+ 57,74e^{-0,5(t-\frac{3π}{2})}\cos(\left(0,866\left(t-\frac{3π}{2}\right)+ \frac{π}{2}\right))\right]\*(-\frac{3π}{2}<t<0)$$