Damped Oscillator

$$y = A_o e^{-bx} \sin(\omega x + \delta) + C$$

δx ☐

δy ☐

SSR = **1.29e-02**

Parameter	*Value*	*Uncertainty*
A_o	5.100e+01	1.994e-02
b	3.001e-01	2.521e-04
ω	-6.160e+00	2.863e-04
δ	1.571e+00	4.694e-04
C	-2.075e-03	6.338e-03

Damped Harmonic Motion: Amplitude vs Time (mtotal = 0.154 kg)