

Damped Oscillator

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

δx

☐

δy

☐

Parameter	Value	Uncertainty
A_o [start: 6.00e-01]	-6.004e-01	6.350e-04
b [start: 8.00e-02]	7.996e-02	2.302e-04
ω [start: 4.00e+00]	4.000e+00	2.198e-04
δ [start: 0]	-1.271e+00	1.016e-03
C [start: 0]	-3.296e-04	1.834e-04

SSR = 3.32e-02

