

Damped Oscillator

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

$$\chi^2_{\text{reduced}} = \mathbf{0.19}$$

 δx  δy 

Parameter	Value	Uncertainty
A_o	3.679e-02	7.454e-05
b	6.751e-02	2.238e-04
ω	-2.744e+00	2.306e-04
δ	-9.980e-01	2.146e-03
C	3.078e-02	1.816e-05

Underdamped Oscillator - 3. 2x4