

Damped Oscillator $y = A_o e^{-bx} \sin(\omega x + \delta) + C$ SSR = 5.16e-03 δx ☐ δy ☐		<table><tr><th>Parameter</th><th>Value</th><th>Uncertainty</th></tr><tr><td>A_o</td><td>4.822e-01</td><td>2.099e-04</td></tr><tr><td>b</td><td>7.810e-03</td><td>7.693e-05</td></tr><tr><td>ω</td><td>7.279e+00</td><td>7.528e-05</td></tr><tr><td>δ</td><td>-3.321e-01</td><td>4.257e-04</td></tr><tr><td>C</td><td>-4.226e-02</td><td>7.207e-05</td></tr></table>	Parameter	Value	Uncertainty	A_o	4.822e-01	2.099e-04	b	7.810e-03	7.693e-05	ω	7.279e+00	7.528e-05	δ	-3.321e-01	4.257e-04	C	-4.226e-02	7.207e-05
Parameter	Value	Uncertainty																		
A_o	4.822e-01	2.099e-04																		
b	7.810e-03	7.693e-05																		
ω	7.279e+00	7.528e-05																		
δ	-3.321e-01	4.257e-04																		
C	-4.226e-02	7.207e-05																		

Section 4 - Undamped Oscillation Vs. Time

