

|                                                                                                            |  |                                                                                |                                |                       |                        |
|------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------|--------------------------------|-----------------------|------------------------|
| <div><div>Damped Oscillator</div><div><math>y = A_o e^{-bx} \sin(\omega x + \delta) + C</math></div></div> |  | <div><div><math>\delta x</math></div><div><input type="checkbox"/></div></div> | <div>Parameter</div>           | <div>Value</div>      | <div>Uncertainty</div> |
| <div>SSR = 3.83e-02</div>                                                                                  |  | <div><math>\delta y</math></div> <div><input type="checkbox"/></div>           | <div><math>A_o</math></div>    | <div>3.191e-01</div>  | <div>7.571e-04</div>   |
|                                                                                                            |  |                                                                                | <div><math>b</math></div>      | <div>1.331e-01</div>  | <div>6.059e-04</div>   |
|                                                                                                            |  |                                                                                | <div><math>\omega</math></div> | <div>8.093e+00</div>  | <div>5.911e-04</div>   |
|                                                                                                            |  |                                                                                | <div><math>\delta</math></div> | <div>-7.350e-01</div> | <div>2.272e-03</div>   |
|                                                                                                            |  |                                                                                | <div><math>C</math></div>      | <div>1.040e-01</div>  | <div>1.965e-04</div>   |

Section 5 - Damped Oscillation at 154.4g

