

|                                                                                                                                                                |                                             |                |            |             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------|------------|-------------|
| <div><div>Two Slit Interference</div><div><math>y = A \operatorname{sinc}^2(k_1(x - x_o)) \cos^2(k_2(x - x_o)) + C</math></div><div>SSR = 9.24e+02</div></div> | <div><math>\delta x</math><div></div></div> | Parameter      | Value      | Uncertainty |
|                                                                                                                                                                |                                             | A              | 3.134e+02  | 4.289e+01   |
|                                                                                                                                                                | <div><math>\delta y</math><div></div></div> | k <sub>1</sub> | 3.178e+00  | 1.682e-01   |
|                                                                                                                                                                |                                             | k <sub>2</sub> | 3.016e+00  | 1.995e-01   |
|                                                                                                                                                                |                                             | x <sub>o</sub> | -9.923e-02 | 5.578e-02   |
|                                                                                                                                                                |                                             | C              | 7.975e-01  | 3.713e-01   |

