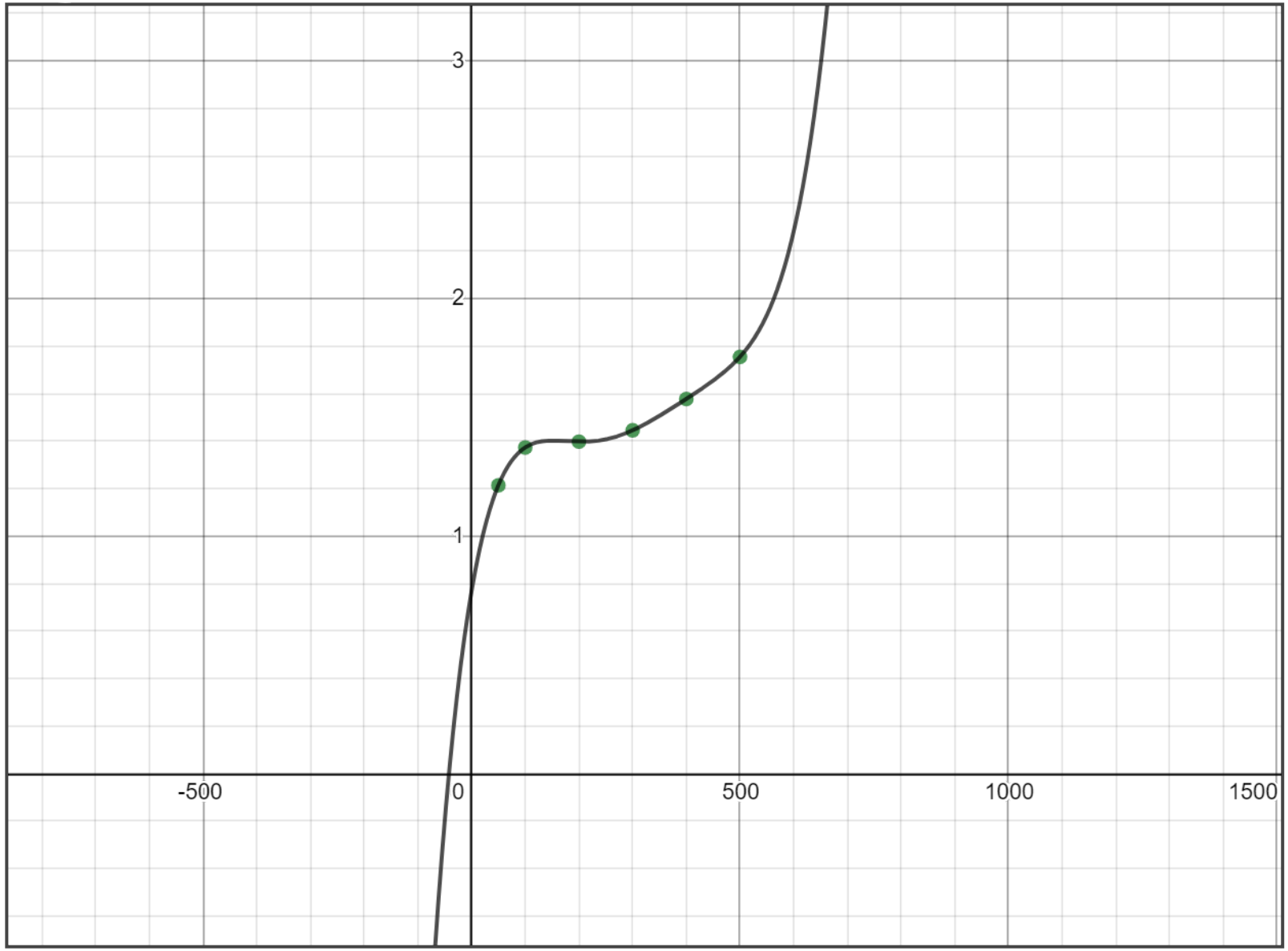
c1 vs t



1

x	y
50	1.21366
100	1.37278
200	1.39715
300	1.44503
400	1.57711
500	1.75415

2

$$y_1 \sim c_1 + c_2 x_1 + c_3 x_1^2 + c_4 x_1^3 + c_5 x_1^4 -$$

STATISTICS

$R^2 = 1$

RESIDUALS

e_1 plot

PARAMETERS

$c_1 = 0.766506$ $c_2 = 0.0132417$

$c_3 = -0.000102865$ $c_4 = 3.6681 \times 10^{-7}$

$c_5 = -5.9763 \times 10^{-10}$ $c_6 = 3.7066 \times 10^{-13}$

3

$$y_1 \sim e^{\left(a + b x_1 + b_1 x_1^2 + b_2 x_1^3\right)}$$

STATISTICS

$R^2 = 0.9715$

RESIDUALS

e_2 plot

PARAMETERS

$a = 0.127143$ $b = 0.00212585$

$b_1 = -0.00000686428$ $b_2 = 8.7381 \times 10^{-9}$

4

$$0.766506 + 0.0132417 \cdot 500 - (0.($$

$$= 1.753606$$