



07/19/19

$$V_0 = 0.004176 \text{ s}$$

$$t_{(1/2)} = 0.004306 \text{ s}$$

$$t_{(1/2)} = 0.004432 \text{ s}$$

$$t_{(1/2)} - t_{(1/2)_2} = 0.000126 \text{ s}$$

$$\text{Actual } t_{(1/2)} = 0.000127 \text{ s}$$

$$\% \text{ Difference } = \frac{t_{(1/2)_1} - t_{(1/2)_2} - \text{Actual } t_{(1/2)}}{\text{Actual } t_{(1/2)}} \cdot 100$$

$$= 0.78\%$$

