

16.8 Second-Order Integrated Rate Law Equation (Video)

This project was preformed to supply **Libretext authors** with videos on General Chemistry topics which can be used to enhance their projects. Also, these videos are meant to act as a learning resource for **all General Chemistry students**.

Video Topics

The second order integrated rate law equation is: $1/[A]_t = kt + 1/[A]_0$

It has form $y = mx + b$ where slope = k . This video contains the solution to the following problem:

If k for the HI reaction is $0.50 \text{ l/M}\cdot\text{s}$ and the initial concentration of HI is 0.010 M what will be the concentration of HI after 198 s ?

Link to Video

Second-Order Integrated Rate Law Equation: <https://youtu.be/hMSgk2Rm2xA>



Attribution

- Prof. Steven Farmer ([Sonoma State University](#))

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