

16.9 Half-life for Second-Order Reactions (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 half-life equation is: $t_{1/2} = 1/k[A]_0$. This means that $t_{1/2}$ is dependent on the initial concentration of reactant.

This videos contains the solution to the following questions; What is $t_{1/2}$ for the HI reaction if $[HI]_0 = 0.10 \text{ M}$?

Link to Video

Half-life for Second-Order Reactions: <https://youtu.be/h2CjY-Fi7RI>



Attribution

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

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