

8.4 The de Broglie 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 same way Einstein theorized that light has the properties of a particle, de Broglie theorized that particles have the properties of waves. The de Broglie wavelength is the wavelength associated with any moving object which follows the equation $\text{wavelength} = h/mu$. Where (m) is the mass of the object in kg and (u) is the speed of the object in m/s. This video contains a sample problem, which involves these concepts.

Link to Video

The de Broglie Equation: <https://youtu.be/pz0zMHWtK7Q>



Attribution

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

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