

8.3 The Photoelectric Effect (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 photoelectric effect: Electrons are ejected from the surface of a metal when struck with light. In 1905, Einstein proposed that electromagnetic radiation has particle-like qualities and these particles, called photons, have a characteristic energy. The energy of the photon must equal or exceed a threshold value (E_{work}) for an electron to be ejected. This value is called the work function of the metal. This video contains a sample problem, which involves these concepts.

Link to Video

The Photoelectric Effect: <https://youtu.be/mxBMxJLauQk>



Attribution

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

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