

12.12 Estimating Enthalpy of Reaction from Bond Energies (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 enthalpy of a reaction can be estimated by look at the bonds broken and formed during a reaction. This follows the equation: $H_{rxn} = \text{SumDH's}(\text{bonds broken}) - \text{SumDH's}(\text{bonds formed})$. The reaction is exothermic because the bond formed are stronger than the bonds broken.

Link to Video

Estimating Enthalpy of Reaction from Bond Energies: <https://youtu.be/SsuIRTeR0Jw>



Attribution

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

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