

12.8 Resonance Structures (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

Resonance: A molecule has more than one valid Lewis structure. None of the structures is truly correct. The true structure is called a resonance hybrid. It a combination of all three structures. The bonds are a mixture of single and double bonds. The two negative charges are spread equally over the three oxygens. Resonance structures arise whenever there is a question about which of two or three atoms contribute a multiple bond to achieve an octet of electrons about a central atom. Note! Resonance structures differ only in the assignment of electron pair position, never atom positions.

Link to Video

Resonance Structures: <https://youtu.be/aSP0D72MKe4>



Attribution

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

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