

13.1.2 sp² Hybridization (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

sp² hybridization: $s + p_x + p_y + p_z \rightarrow p_z + 3 \text{ sp}^2 \text{ hybrid orbitals}$. Only two of the three hybrid orbitals are used for hybridization. One p orbitals remains. The term sp² means the hybrid orbitals are 1/3 s and 2/3 p. Hybrid orbitals from both carbons form the C-C and C-H single bonds. The left over p orbitals overlap to form the double bond.

Link to Video

sp² Hybridization: <https://youtu.be/EepTvePnfBA>



Attribution

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

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