

## 14.2: The Molecular Orbital Model

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Hybridization is the idea that atomic orbitals fuse to form newly hybridized orbitals, which in turn, influences molecular geometry and bonding properties. Hybridization is also an expansion of the [valence bond theory](#). In order to explore this idea further, we will utilize three types of hydrocarbon compounds to illustrate  $sp^3$ ,  $sp^2$ , and  $sp$  hybridization.

### Contributors and Attributions

- Jennifer Lau (all images are made by me)
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