

Chem 442: Homework for lecture L27

(only turn in **BOLD** assignment first lecture next week of classes; do all assignments)

1. **Turn in** Problem 8.5 in the book. [Hint: Remember that CH_3 is planar. Considering it to be in the x-y plane, only $2s$, $2p_x$ and $2p_y$ participate in hybridization (and not $2p_z$, which is orthogonal to the plane.)]
2. Problem 8.6 in the book.