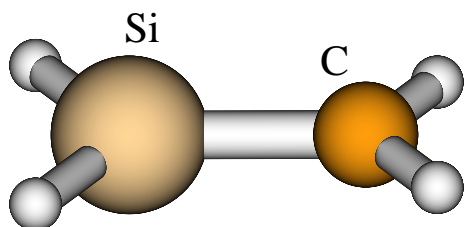
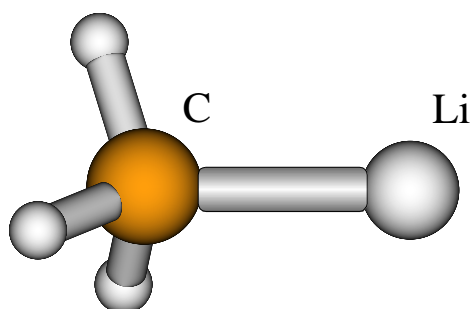


S7b: Geometrical and topological parameters

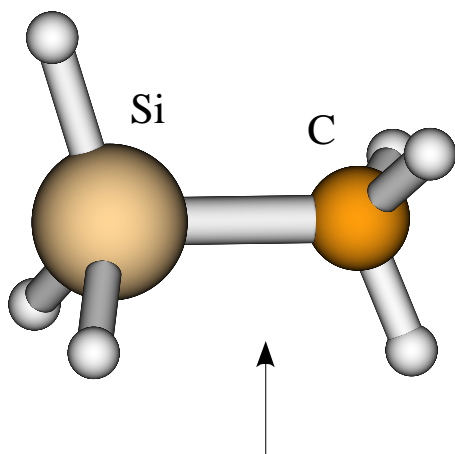
of the calculated model systems $\text{SiH}_2=\text{CH}_2$, SiH_3-CH_3 and MeLi .



Distance [\AA]: 1.70
 $\rho(\mathbf{r}_c)$ [$e/\text{\AA}^3$]: 1.02
 $\nabla^2\rho(\mathbf{r}_c)$ [$e/\text{\AA}^5$]: 10.43
Ellipticity: 0.49



Distance [\AA]: 1.97
 $\rho(\mathbf{r}_c)$ [$e/\text{\AA}^3$]: 0.30
 $\nabla^2\rho(\mathbf{r}_c)$ [$e/\text{\AA}^5$]: 4.83
Ellipticity: 0.00



Distance [\AA]: 1.88
 $\rho(\mathbf{r}_c)$ [$e/\text{\AA}^3$]: 0.82
 $\nabla^2\rho(\mathbf{r}_c)$ [$e/\text{\AA}^5$]: 3.28
Ellipticity: 0.00