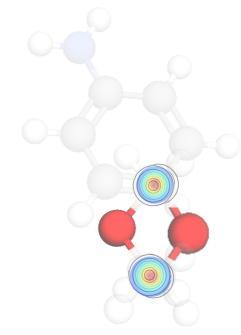


SOAP Atomic Environment vectors



 $k(\overrightarrow{x_i}, \overrightarrow{x_j}) = \int \text{density overlap} \equiv \overrightarrow{x_i} \cdot \overrightarrow{x_j}$