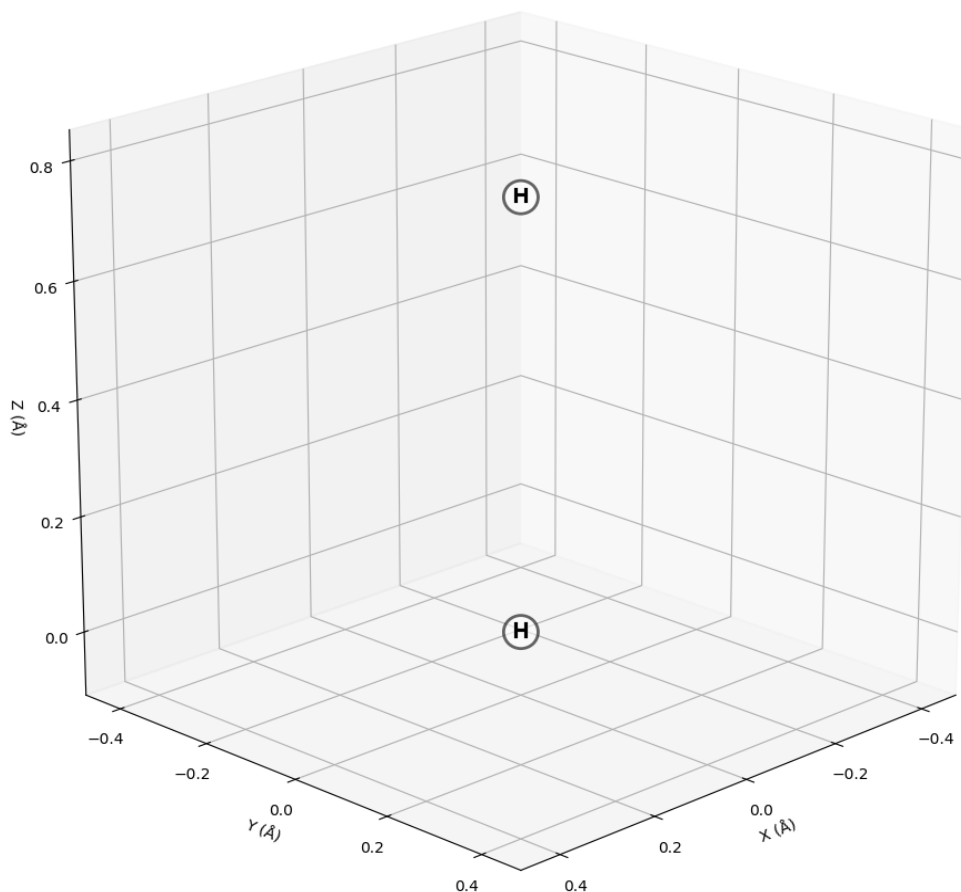


Structure of the molecule in 3D

3D Molecular Structure

○ H



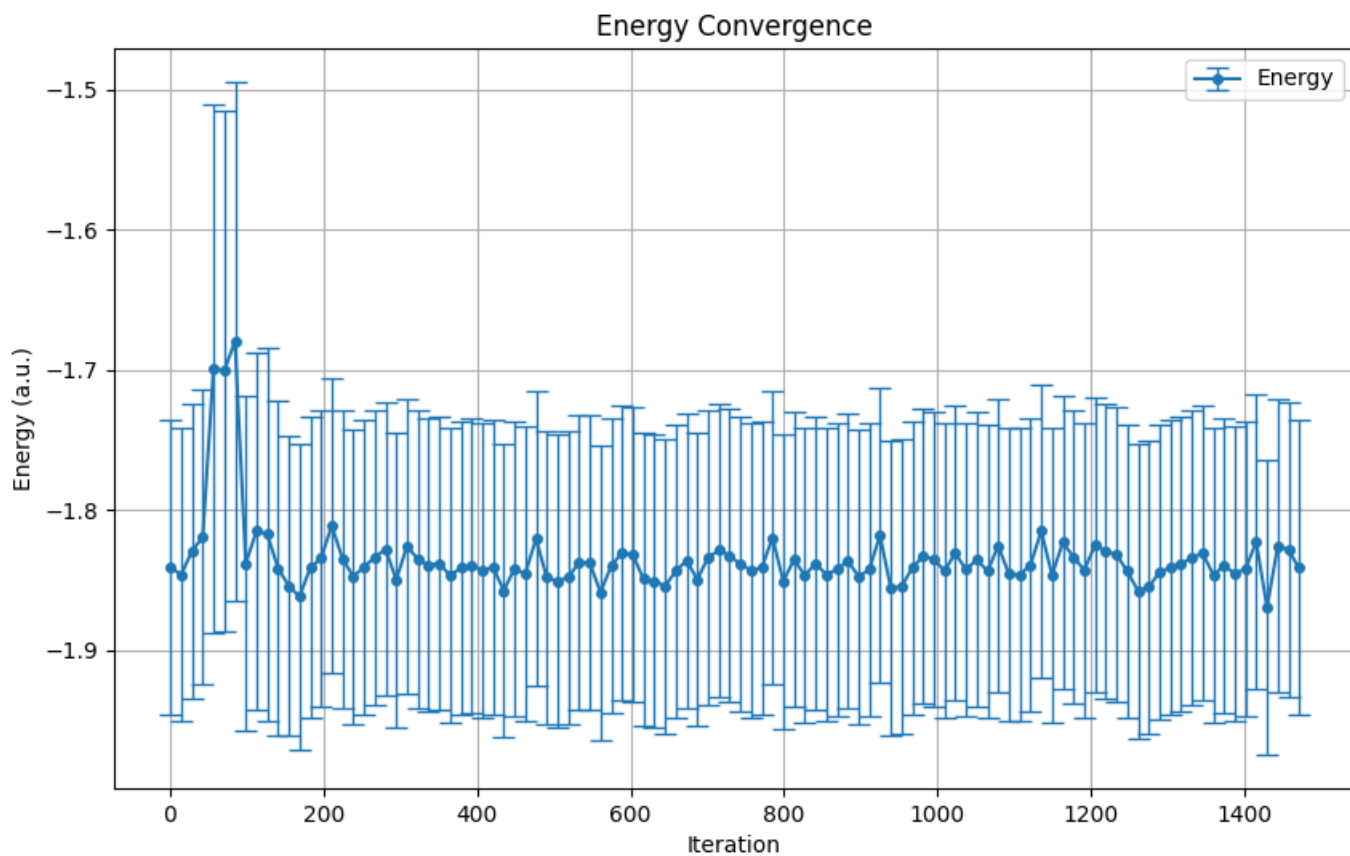
Energy analysis

Results of VQE algorithm:

Metric	Value
Minimum Energy	-1.8374 Hartree
Optimizer	L-BFGS-B
Iterations	1470
Ansatz Repetitions	2
Basis set	6-31g

Energy convergence of the algorithm

Energy levels for each iteration:



Ansatz circuit for the molecule was generated in the project directory.

They often take too much space to display. See graph/ansatz and graph/ansatz_decomposed.