

OpenVQE

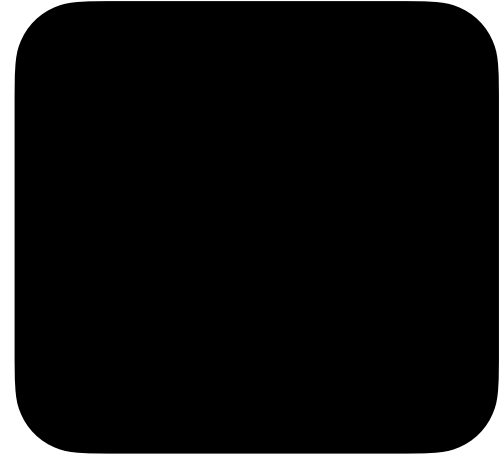
Open source variational quantum eigensolver extension of the quantum learning machine for quantum chemistry





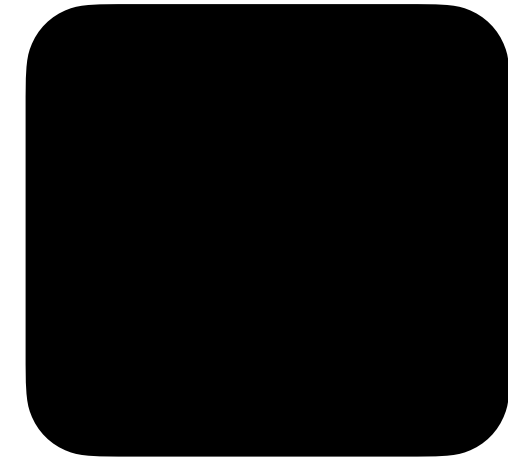
What is OpenVQE ?

Open Source Variational Quantum Eigensolver package for Quantum Chemistry that based on the tools provided in myQLM-fermion package.



Why OpenVQE ?

An extremely efficient & well-structured variational quantum chemistry algorithms based on MyQLM - Eviden.



State of the art ?

Empowering
impactful projects
via OpenVQE.

- More than **35** contributors from different countries: Europe, US, Asia
- Application in material sciences, drug discoveries, climate change and machine learning
- Non-profit organisation, aim for education
- **3** published paper from author

Wiley review <https://doi.org/10.1002/wcms.1664>