
Quantum Information and Quantum Computing, Problem set 14

Assistant : sara.alvesdossantos@epfl.ch, clemens.giuliani@epfl.ch, khurshed.fitter@epfl.ch

In this problem set you are going to implement and test on the IBM-Q platform a small, yet complete QAOA algorithm [1]. The goal is to find the solution to the MAXCUT problem on a simple graph. All steps are described in the Jupyter notebook associated to this problem set, to which you should refer.

[1] E. Farhi, J. Goldstone and S. Gutmann *A Quantum Approximate Optimization Algorithm*, arXiv:1411.4028 (2014)