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## Quantum Information and Quantum Computing, Problem set 14

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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)