

Exercise Set 5

Quantum Computer Programming

Exercises from [Asfaw19] 1.4 Single Qubit Gates:

1. Exercises 2.2 Multiple Qubits and Entangled States

(a) 1.2 Quick Exercises

(b) 2.1 Quick Exercises

(c) 3.4 Exercise

2. Exercises 2.3 Phase Kickback

(a) Quick Exercise

References

[Asfaw19] Abraham Asfaw et al., Learn Quantum Computation Using Qiskit. Qiskit Development Team. 2019