

## Chapter 18: Using Grover in Quantum Programming Frameworks

This section is already in the book plan, but it has not been written fully yet. The book owner can press Generate section to write this part with the language model connected to TheoryTrace.

Section plan:

Shows how Grover's algorithm is implemented conceptually in tools such as Qiskit, Cirq, or similar frameworks, including circuit simulation, histograms, shot counts, and debugging.

### References

References will be added when this section is generated.

## Document information

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|----------------------|---|
| <b>Project</b>       | Grover's Algorithm from First Principles  |
| <b>Document</b>      | Document 1.22   |
| <b>Author</b>        | mujirin   |
| <b>Verifier</b>      | Not verified  |
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| <b>Status</b>        | Working   |
| <b>Document link</b> | <a href="https://www.theorytrace.com/projects/grovers-algorithm-from-first-principles/document-s/chapter-18-using-grover-in-quantum-programming-frameworks/">https://www.theorytrace.com/projects/grovers-algorithm-from-first-principles/document-s/chapter-18-using-grover-in-quantum-programming-frameworks/</a> |