

## Chapter 19: Noise, Hardware Limits, and Real Devices

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:

Explains how gate errors, decoherence, limited qubit connectivity, circuit depth, and measurement noise affect Grover implementations on current quantum hardware.

### 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
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