

## Chapter 18: Noise, Decoherence, and Real Hardware

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 why building quantum computers is difficult. Students learn decoherence, gate errors, measurement errors, connectivity limits, coherence time, and how real devices differ from ideal circuit diagrams.

### References

References will be added when this section is generated.

# Document information

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