

## Chapter 8: Measuring Cost Functions on Quantum 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 expectation values are estimated from repeated measurements, how Hamiltonians are decomposed into Pauli terms, how shot noise affects results, and how measurement grouping can reduce cost.

### References

References will be added when this section is generated.

## Document information

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<b>Project</b>	Variational Quantum Algorithms for Optimization
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