

## Chapter 14: Gate-Based Quantum Optimization

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:

Introduces optimization on universal quantum computers, including parameterized quantum circuits, cost Hamiltonians, mixer Hamiltonians, measurement-based cost estimation, and hybrid classical feedback loops.

### References

References will be added when this section is generated.

# Document information

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<b>Project</b>	Quantum Optimization from First Principles
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