Chapter 21: Case Study: Portfolio 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:

Develops a complete example of financial portfolio optimization, including risk-return tradeoffs, binary asset selection, QUBO formulation, constraints, penalty weights, QAOA execution, and comparison with classical heuristics.

References

References will be added when this section is generated.

Document information

Chapter 21: Case Study: Portfolio Optimization

Project	Variational Quantum Algorithms for Optimization
Document	Document 1.25
Author	phone
Verifier	Not verified
Downloaded	July 04, 2026 18:10 KST
Status	Working
Document link	https://www.theorytrace.com/projects/variational-quantum-algorithms-for-optimization/-documents/chapter-21-case-study-portfolio-optimization/