

Chapter 10: Building the QFT Circuit

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:

Derives an efficient circuit for the QFT using Hadamard gates, controlled phase rotations, and qubit swaps. The chapter compares the exponential-size classical Fourier matrix with the polynomial-size quantum circuit and explains approximation of small rotations.

References

References will be added when this section is generated.

Document information

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