

## **Chapter 19: The Hidden Subgroup Perspective**

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:

Generalizes Shor's algorithm as an instance of the abelian hidden subgroup problem. The chapter explains groups, subgroups, cosets, oracle functions, Fourier sampling, and why abelian structure is especially accessible to quantum algorithms.

### **References**

References will be added when this section is generated.

# Document information

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<b>Project</b>	Shor's Algorithm from First Principles
<b>Document</b>	Document 1.23
<b>Author</b>	mujirin
<b>Verifier</b>	Not verified
<b>Downloaded</b>	July 05, 2026 21:22 KST
<b>Status</b>	Working
<b>Document link</b>	<a href="https://www.theorytrace.com/projects/shors-algorithm-from-first-principles/documents/-chapter-19-the-hidden-subgroup-perspective/">https://www.theorytrace.com/projects/shors-algorithm-from-first-principles/documents/-chapter-19-the-hidden-subgroup-perspective/</a>