Chapter 13: Gauge Fixing, Ghosts, and Covariant Quantization

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:

Presents Faddeev-Popov gauge fixing in Abelian gauge theory, explains why QED ghosts decouple, compares Lorenz, Feynman, Landau, and Coulomb gauges, and connects formal quantization to physical observables.

References

References will be added when this section is generated.

Document information

Chapter 13: Gauge Fixing, Ghosts, and Covariant Quantization

Project	Quantum Electrodynamics
Document	Document 1.17
Author	terry.mart
Verifier	Not verified
Downloaded	July 03, 2026 19:25 KST
Status	Working
Document link	https://theorytrace.com/projects/quantum-electrodynamics/documents/chapter-13-gauge-fixing-ghosts-and-covariant-quantization/