

# Bibliography

- Covariant quantization of the electromagnetic field.
  - “Théorie Quantique des Champs”, Jean-Pierre Derendinger, Chapter 2.4.1
  - “Quantum Field Theory”, C. Itzykson and J.B. Zuber, Chapter 3.2.1
- Massive vector field : Shaposhnikov’s lecture notes
- Formal Scattering theory : “The Quantum Theory of Fields”, Vol. I, S. Weinberg, Chapters 3.1 and 3.2 (careful! the notation is heavy, but don’t be scared, just try and get the concepts)
- Cross sections, Wick’s Theorem, Feynman diagrams, QED, Yukawa interactions etc...:
  - “An introduction to Quantum Field Theory”, M. Peskin and D. Schroeder, Chapters 4.3, 4.5, 4.6, 4.7, 4.8, 5.1, 5.4, 5.5
  - Shaposhnikov’s lecture notes.