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

  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.