

QFT

Chapter 24: Nonabelian Symmetries

Recall

- Mathematically, a Lorentz Transformation is anything that preserves the interval.
- We decided in section 2 to restrict Lorentz Transformations to be proper and orthochronous. We decided that our QFT had to be invariant under these Lorentz Transformations only.
- Recall that this implies that QFT is not, in general, invariant under discrete transformations
 - In this section we turn to the exceptions: discrete transformations under which QFT should be invariant.