

# Design of QuantiT

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# Goals



## Chapter 1

# Tensor Networks, in general

### 1.1 torch::Tensor for Tensor Network





## Chapter 2

# Conserved quantities (quantum numbers)

### 2.1 Abelian vs non-Abelian

### 2.2 Design of the conserved quantities

#### 2.2.1 Design outline for non-Abelian symmetries



## Chapter 3

# Practicalities: project structure