

Data organization (copy file to notebook)

IRs:

- [[1, $\mu$ ]] Matrices of the generators for the  $\mu$ -th IR
- [[2]] Symbols of quantum numbers
- [[3, $\mu$ ]] Values of the quantum numbers of the  $\mu$ -th IR
- [[4, $\mu$ ]] Label of the  $\mu$ -th IR
- [[5, $\mu$ ]] Dimension of the  $\mu$ -th IR
- [[6]] Strata labels (the order in corresponding to IRs)
- [[7,S]] Ordinals of IRs associated to the stratum K
- [[8, $\mu$ ]] Dimension of the  $\mu$ -th allowed representation.

Generators:

- [[1,i]] Standard symbol of the i-th generator
- [[2,i]] Euclidean space 4D matrices of the i-th generator
- [[3,i]] Spin space natural matrices