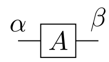
Tensors

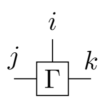
Rank 2 (matrix)

```
\tensorII{name}{left index}{right index}
```



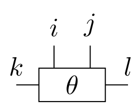
Rank 3

```
\tensorIII{name}{physical index}{left index}{right index}
```

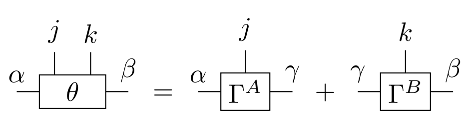


Rank 4

```
\tensorIV{name}{physical index 1}{physical index 2}{left index}{right index}
```



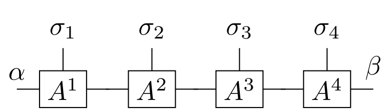
These figures also work in a math environment, as seen below.



(1)

Matrix Product States

An MPS can be drawn using
`\mps{name}{length}{physical index}{left index}{right index}`



Similarly, the Vidal canonical form of an MPS can be drawn with `\mpsVidal{name rank 3}{name singular values}{length}{physical index}{left index}{right index}`