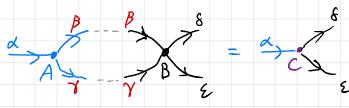
## **Tensor contractions**

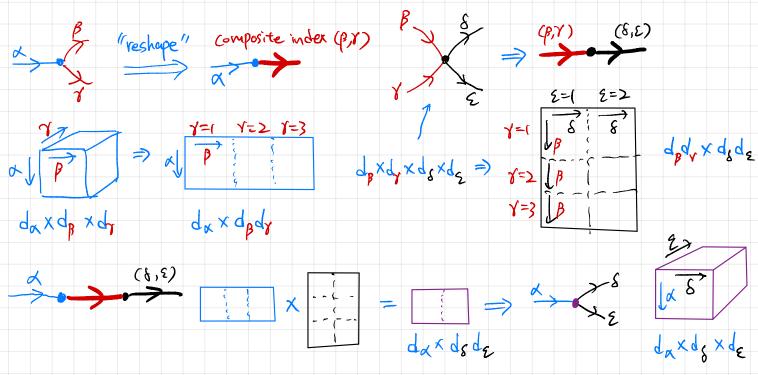


Leg directions are important: an outgoing leg (ket) contracts only to an incoming leg (bra).

A B SE = C SE

Dimensions of legs to contract should match.

Tensor contraction ~ matrix multiplication:



## Computational costs

