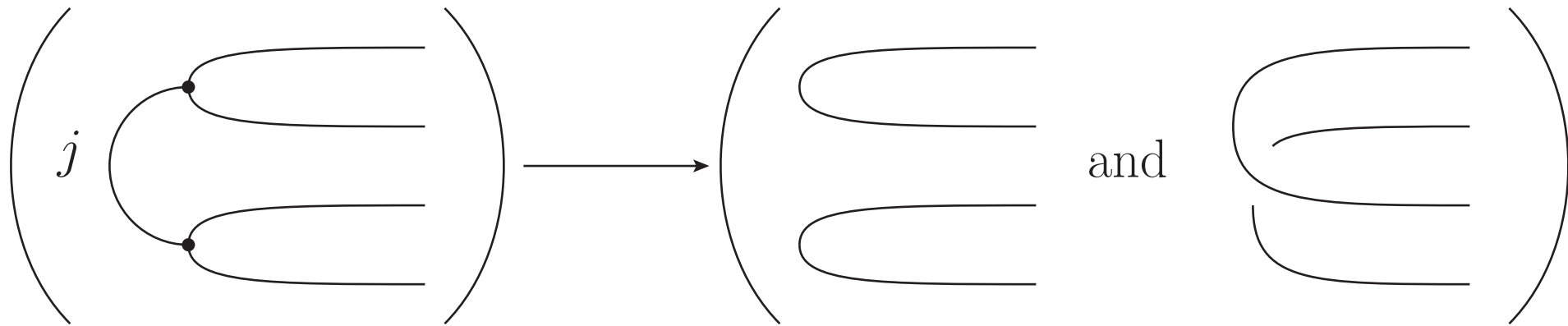


basis of physical states



quantum trace

$$= \text{Tr}_q(1) = q^{1/2} + q^{-1/2}$$

twist

$$= \phi$$

$$= \phi^{-1}$$