

$$\begin{array}{c} \mathcal{O}_q[\Sigma^p] \\ \uparrow \\ U_\alpha[W^{D-p-1}] \end{array} = e^{i\alpha p} \begin{array}{c} \mathcal{O}_q[\Sigma^p] \\ \uparrow \\ U_\alpha[W^{D-p-1}] \end{array}$$

The diagram illustrates an equality between two configurations of a vertical line and a diagonal line. On the left, a vertical black line with an upward arrow is labeled $\mathcal{O}_q[\Sigma^p]$ at the top. A diagonal orange line with an arrow pointing up and to the right, labeled $U_\alpha[W^{D-p-1}]$, intersects the vertical line from the bottom-left to the top-right. On the right, the same vertical line and label are present, but the diagonal orange line passes underneath the vertical line without intersecting it. The two configurations are separated by an equals sign and a phase factor $e^{i\alpha p}$.