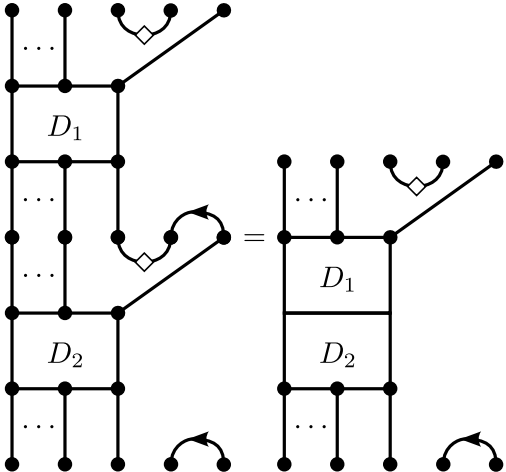


$$\psi(D_1) \cdot \psi(D_2) =$$


The diagram illustrates the multiplication of two elements, $\psi(D_1)$ and $\psi(D_2)$, in a braid-like algebra. The left side shows the product $\psi(D_1) \cdot \psi(D_2)$ as two separate diagrams, D_1 and D_2 , connected by a dot. D_1 is a vertical chain of nodes with a diagonal branch at the top. D_2 is a vertical chain of nodes with a diagonal branch at the bottom. The right side shows the result of their product, which is a single diagram where D_1 and D_2 are stacked vertically, sharing a horizontal segment. The result is labeled $\psi(D_1 \cdot D_2)$.