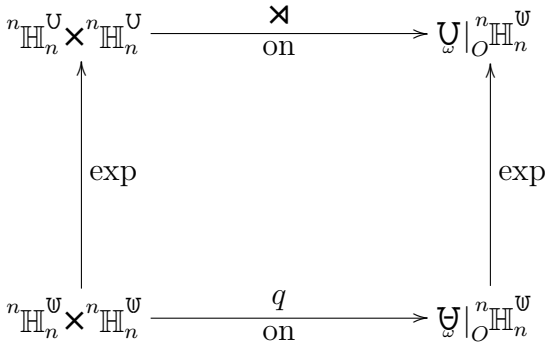

$$\bowtie_{A} \left(\begin{array}{c|c} \nleftarrow & 0 \\ \hline 0 & \sqsubset \end{array}\right) = \bowtie \overset{*}{A} \left(\begin{array}{c|c} \nleftarrow & 0 \\ \hline 0 & \sqsubset \end{array}\right) A$$

$$A = \frac{1}{\sqrt{2}} \left(\begin{array}{cc|c} 1 & 1 & -1 \\ \hline 1 & & 1 \end{array}\right) \curvearrowright A \mathbb{U} \overset{*}{A} = -\mathbb{U} \text{ *-inv } / {}^{n}\mathbb{H}_n^{\mathbb{U}} \times {}^{n}\mathbb{H}_n^{\mathbb{U}}$$