$\operatorname{br}_{X,Y}:X \otimes Y \xrightarrow{\cong} Y \otimes X$

 $\langle x, y \rangle \mapsto \uparrow \{y\} \times \uparrow \{x\},$

Lemma. $\langle \mathbf{UPos}, \otimes, \mathbf{1} \rangle$ from ?? equipped with the braiding isomorphism

defined for all $X, Y \in Ob_{\mathbf{UPos}}$, forms a symmetric monoidal category.