

$$\begin{array}{c}
 \text{id}_Y \otimes \text{coev}_X \\
 \xrightarrow{\quad} \\
 Y \otimes X \otimes X \quad \vee \\
 \xrightarrow{\quad} \\
 Z \otimes X \otimes X \quad \vee \\
 \xrightarrow{\quad} \\
 Z \otimes X \otimes X \quad \vee \\
 \xrightarrow{\quad} \\
 Z
 \end{array}$$

Diagram illustrating a sequence of transformations in a monoidal category, involving objects Y , X , and Z , and morphisms id , coev , f , br , and ev .

The sequence of transformations is as follows:

- Start with $\text{id}_Y \otimes \text{coev}_X$.
- Apply $f \otimes \text{id}_X$ to the result.
- Apply $\text{id}_Z \otimes \text{br}$ to the result.
- Apply $\text{id}_Z \otimes \text{ev}_X$ to the result.

The final result is Z .