

$$\begin{array}{c}
 \text{coev}_x \\
 \xrightarrow{\quad} X \otimes X^{\vee} \xrightarrow{f \otimes \text{id}_x} X \otimes X^{\vee} \xrightarrow{\text{br}} X^{\vee} \otimes X \xrightarrow{\text{ev}_x} 1
 \end{array}$$