

Kohno-Drinfeld Theorem "pf is like sweeping, fix one thing at a time"

$$(\psi \otimes \psi) \circ \Delta \circ \psi^{-1}$$

$$(U_{\hbar}(\mathfrak{g}), \Delta, R, 1^{\otimes 3}) \xrightarrow{\psi} (U(\mathfrak{g})[[\hbar]], \overset{\psi}{\Delta}, \psi \otimes \psi(R), 1^{\otimes 3})$$

$$\begin{array}{ccc} \xrightarrow{F_1} & (U(\mathfrak{g})[[\hbar]], \underset{\circ}{\Delta}, \tilde{R}, \tilde{\Phi}) & \xrightarrow{F_2} & (U(\mathfrak{g})[[\hbar]], \underset{\circ}{\Delta}, R', \Phi') \\ \text{twist} & \text{twist of } 1^{\otimes 3} & \text{twist} & \text{symmetric prop: } R' = R_{kz} \end{array}$$

$$(U(\mathfrak{g})[[\hbar]], \underset{\circ}{\Delta}, R_{kz} = e^{\frac{\hbar}{2}\Omega}, \Phi_{kz})$$