

Roland's isomorphisms

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claim adjoining x^{-1} , the following are all isomorphic:

$$\begin{array}{ccc} \mathcal{QU}_\epsilon & \xrightarrow{\hbar \rightarrow 0} & \mathcal{CU}_\epsilon \\ \downarrow \epsilon \rightarrow 0 & & \downarrow \epsilon \rightarrow 0 \\ \mathcal{QU}_0 & \xrightarrow{\hbar \rightarrow 0} & \mathcal{CU}_0 \end{array}$$

Good

* Can do all the work in \mathcal{CU}_0

Bad

- * Not canonical, may not extend beyond sl_2
- * Need to understand "x⁻¹-scattering"; may require messy rational functions.
- * Not clear how work will extend to the rest of the sl_2 portfolio.
- * No relation w/ arrow diagrams.