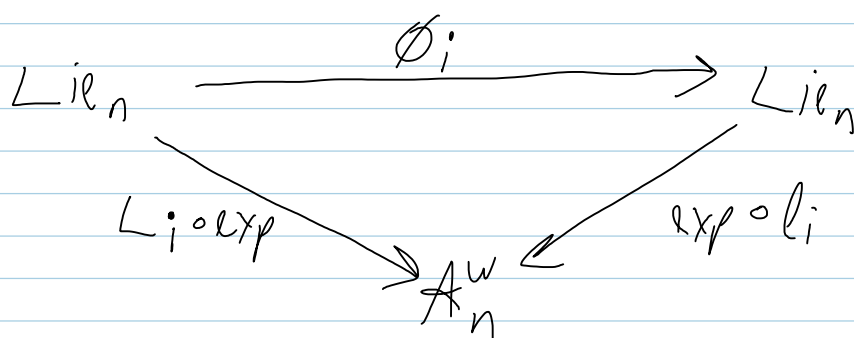


I should figure out once and for all the precise relationship between "my" J_u and the Alekseev-Torossian J .

1. Is CC_u^λ computable in terms of $tder/TAut$?
2. Is J_u computable in terms of J ?

The two pictures are not the same. In my picture trees are "distilled"; in the $tder/TAut$ picture heads and tails are mixed together.

Question. What's ϕ_i in the diagram below?



Here l_i is "put the head below the tails on strand i "

and L_i is its obvious extension, "put all heads below all tails on strand i "

Wild question. Is ϕ_i related to the K/J renormalization that occurs in β -calculus? Does ϕ_i make the BCH formula much more

Pleasant?

Is it related to the "Euler method"?