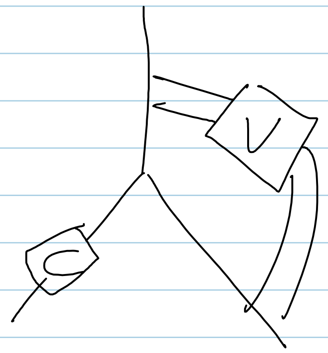
Y Symmetry for the w-Vertex

November-08-11
7:02 PM

Q. Can V of Z^u be chosen to have $120°$-degrees rotational symmetry?



This may follow from an appropriate AET argument, starting from a fully-symmetric Z^u for KTGs.

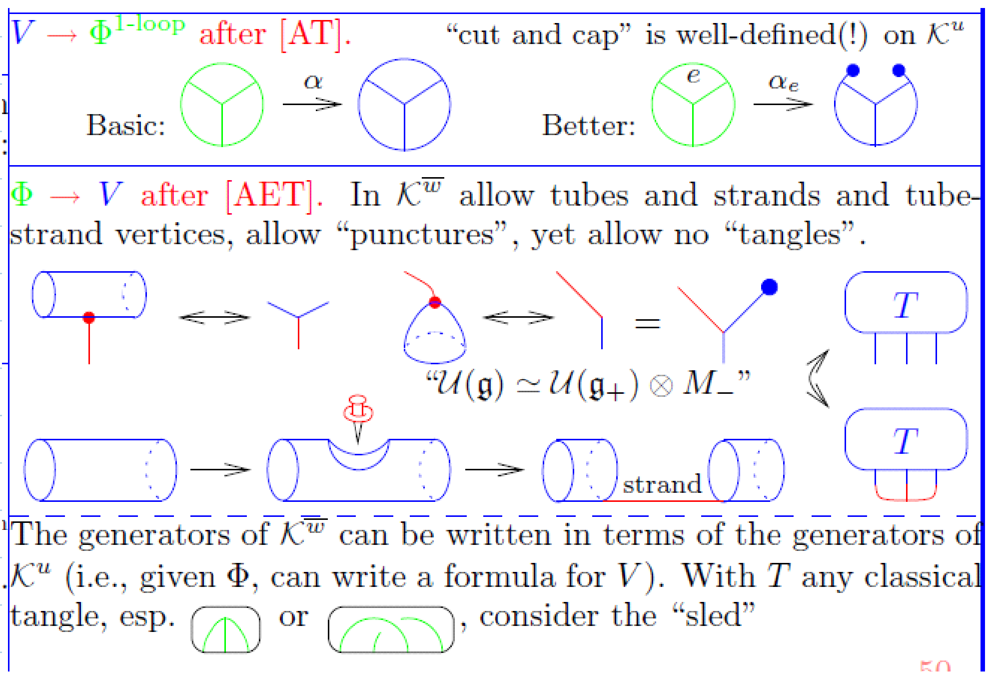
$V = dc$; is $dV = 0$?

Yes, by fitting it in a tetrahedron?

This would only imply that dV is in Sdr.

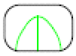
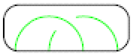
[and anyway, no c-renormalization will affect Y-symmetry].

My understanding of AET is still fragile!



From Swiss Knots - 1105.

Q. Does this mean anything in Drinfel'd double land?

(i.e., given Φ, can write a formula for V). With T any classical tangle, esp.  or , consider the "sled"

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