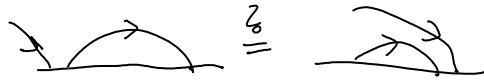


Too Much Agenda for July 4th

July-04-09
9:08 AM

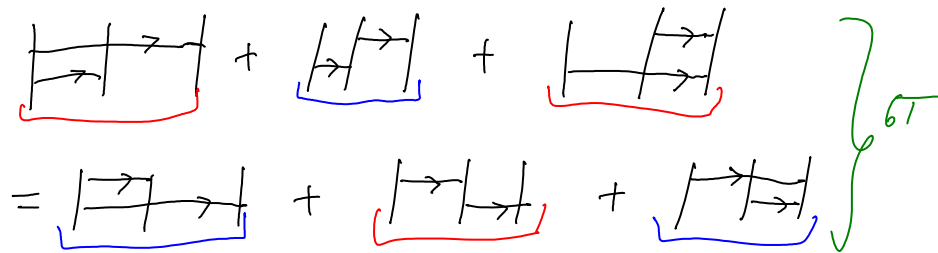
- ☉ Figure out the weight system formula underlying the determinant formula for w-Alexander. } also, use it to recover the global formula.
- ☉ Decide if it has an immanant extension.
- ☉ Decide if w-Alexander has an immanant extension.
- ☉ Finally understand what the Infinitesimal Alexander Module means, and how its A and W sectors globalize.

Does W_{Alex} satisfy a 2T?



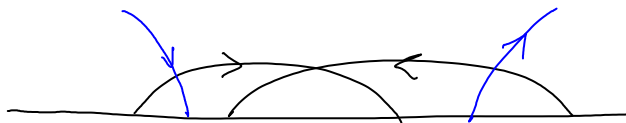
But who says
 \rightarrow W_{Alex} & W_{gl}
 remain
 related?

Probably
 Yes, in W_{gl} red & blue cancel independently,
 mod out also by TC and 2T is
 left:

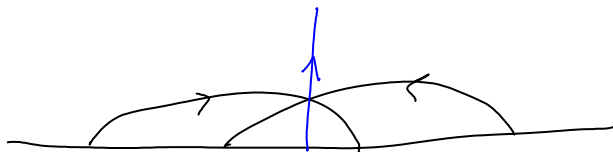


See 2009-01 / [6T For gl\(N\)](#)

Q: What's $A^W/2T$ (and $A^V/3T$?)



... cannot naively untrap



Bug or problem: ?

In[48]:= Wa[Diag[ar[1,3], ar[4,5], ar[6,2]] - Diag[ar[1,4], ar[5,3], ar[6,2]]]

Out[48]= -1





$$\begin{pmatrix} 0 & -1 & 0 \\ 1 & 0 & 1 \\ 0 & 0 & 0 \end{pmatrix}$$

$$\begin{pmatrix} 0 & -1 & -1 \\ 1 & 0 & -1 \\ -1 & 0 & 0 \end{pmatrix}$$

\Rightarrow There is at least a D_L, D_R, W_1 issue!