

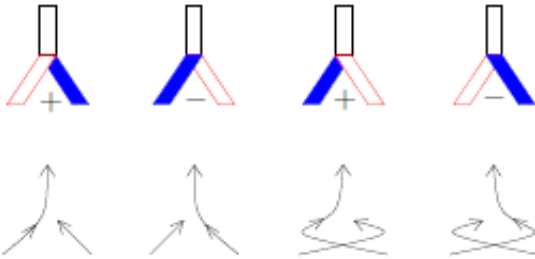
The Cast According to Zsuzsi

May-18-13  
10:42 AM

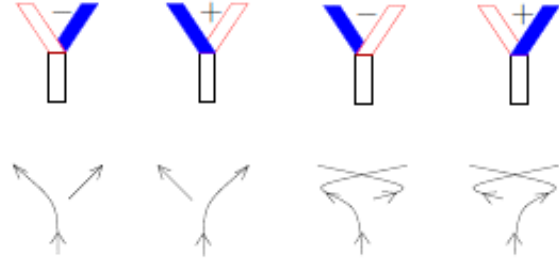
*explained in 6.5*

$$wTF^r = CA \left\langle \begin{array}{c} \nearrow, \nwarrow, \bullet, \curvearrowright, \curvearrowleft \\ \text{w-relations as in} \\ \text{Section 6.1.2} \end{array} \middle| \begin{array}{c} \text{w-operations as} \\ \text{in Section 6.1.3} \end{array} \right\rangle$$

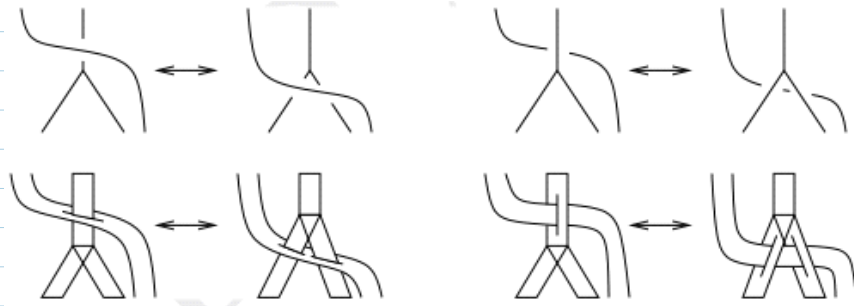
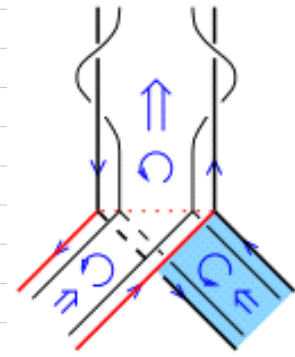
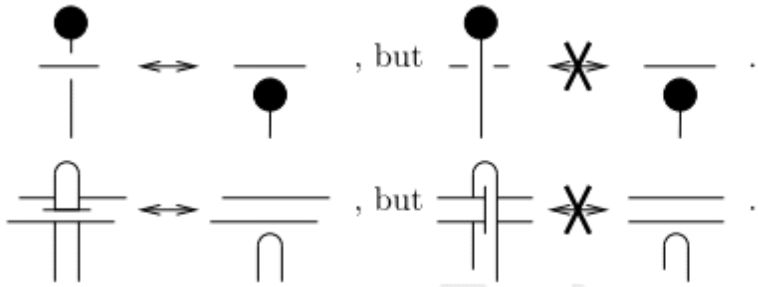
Fuse:



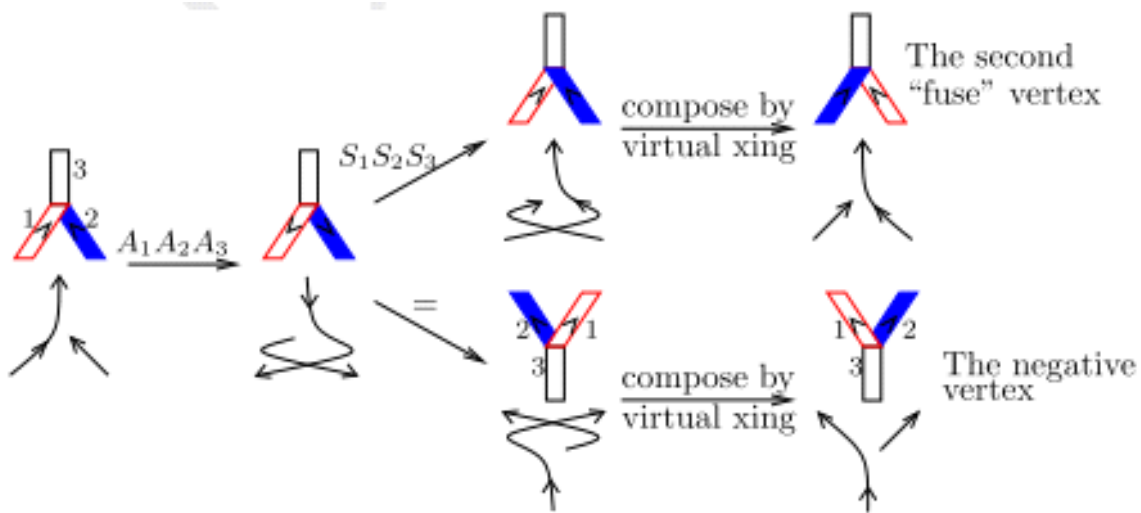
Split:



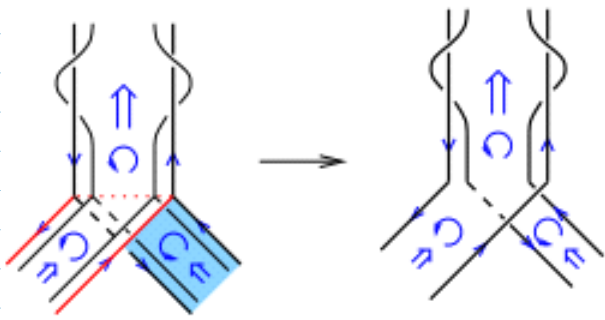
*CP:*



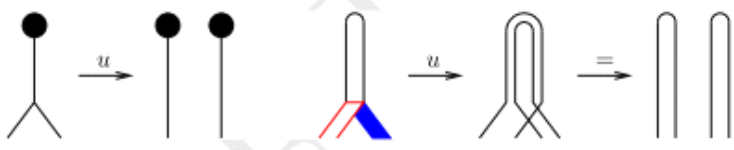
$S_6$ : reverse both orientations  
 $A_6$ : Reverse only 1D orientation



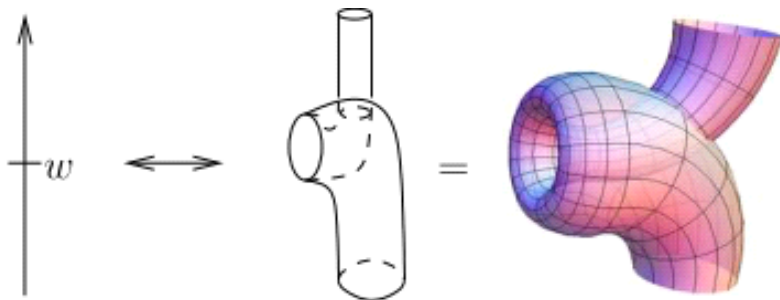
*"unzip"*



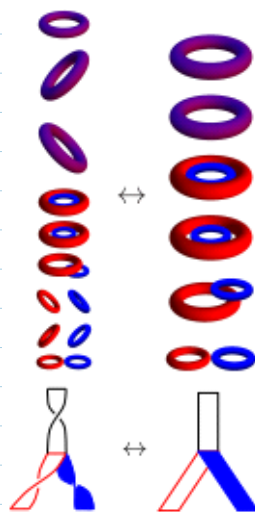
"unzip"



"disk unzip"



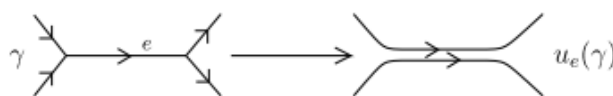
"r" is when there are no wns,



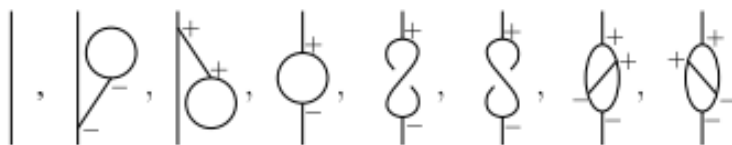
$a: u \rightarrow w$   
 $\gamma \rightarrow \gamma$  etc.

$$\begin{array}{ccc} sKTG & \xrightarrow{Z^u} & \mathcal{A}^u \\ \downarrow a & & \downarrow \alpha \\ wTF & \xrightarrow{Z^w} & \mathcal{A}^w \end{array}$$

now u:



generators of sKTG:



should we call this structure "insertion algebra"?  
 stopped on page 75.