w(1+1=2) and dotted KTGs

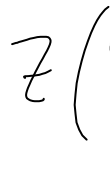
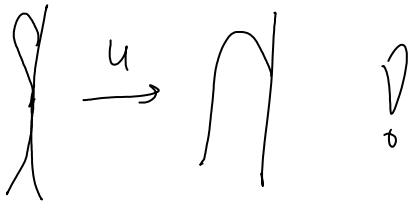
May-06-10
3:18 PM

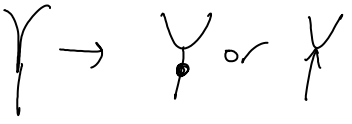
$\Rightarrow$ $w(x)w(y)w(xy)^{-1}$ must be the value of the "price of unzip", $Z(\phi) = Z(\phi)$

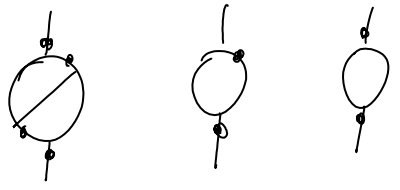
The "true" KTG operations:

1. unzip.
2. edge-connect-sum.

with "true vertices" like ~~delete~~  ~~external connect sum~~

$Z($  $) = ?$ 

Maybe a better notation would be 



Possibly: can unzip only the dotted, can delete only the undotted.

If there is a homomorphic expansion for ~~KTG~~, does it easily follow that there is a quasi-homomorphic expansion for KTG?

With  an additional generator, what relations should it satisfy? 

should it satisfy?