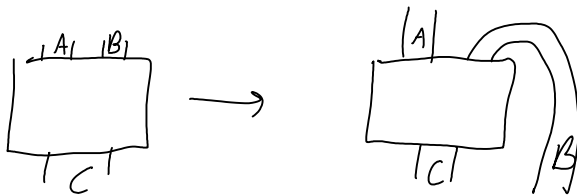


There's a pre-map  $E: KTG \rightarrow PaT$ , defined by:

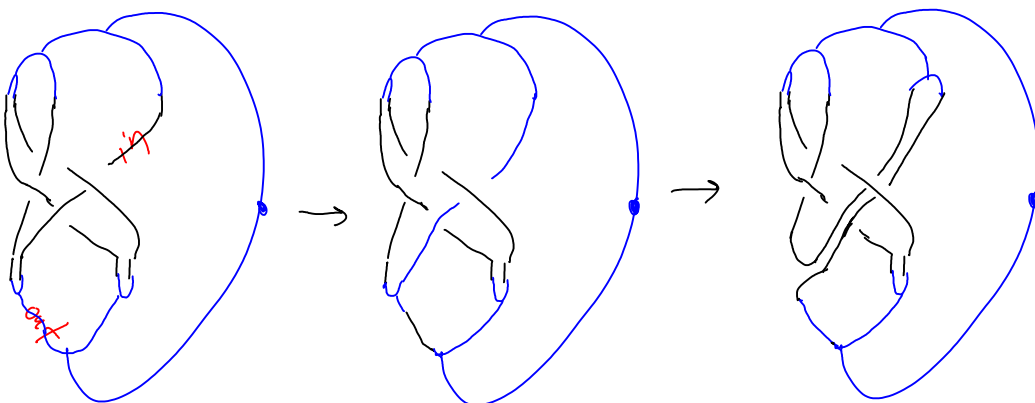
"choose a maximal tree and a cutting point, remove them yet keep the paranthitizations".

Question What further relations on  $PaT$  will make this map well defined?

① "Easy": change the cut-point, probably corresponds to



② "Hard": "replacement" on the maximal tree



Maybe the trick (to simplify the "hard" move) is to map  
E: KTG  $\rightarrow$  PaTT, by choosing a not-necessarily-minimal  
tree and a cutting point?