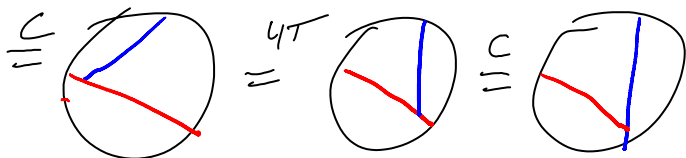
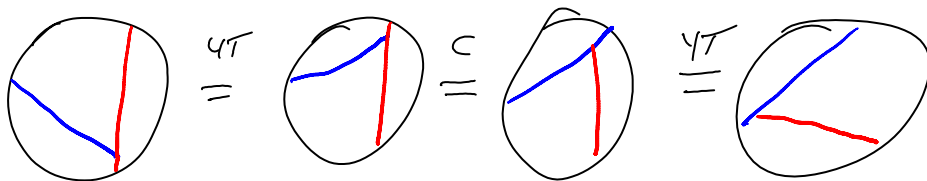
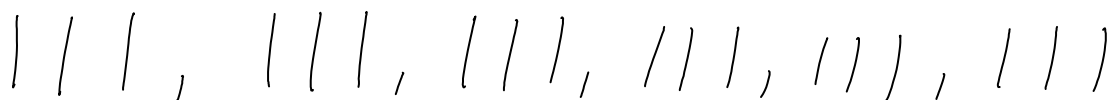
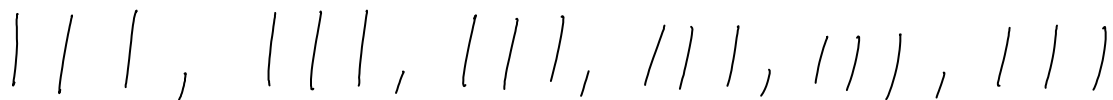
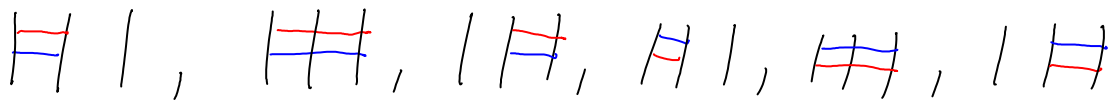
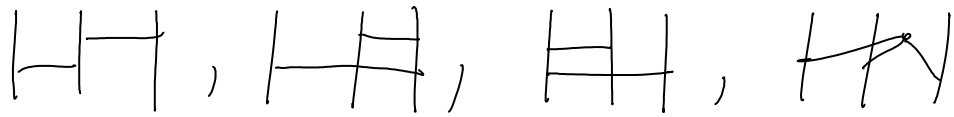


Coloured Horizontal Chord Diagrams

December-12-09
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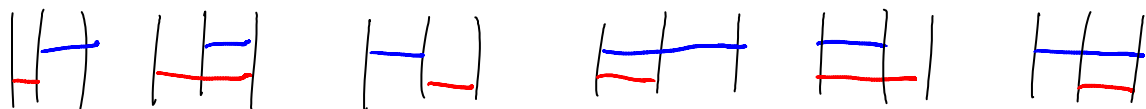
counting only non-deg ones, $\dim \mathcal{G}_2 A_3^{hor} = 4$:



This means:

$$\text{Diagram 1} - \text{Diagram 2} = \text{Diagram 3} - \text{Diagram 4} \text{ etc.}$$

So $\dim \mathcal{G}_2 A_3^{hor, col, no-deg} = 7$: ~~Diagram 1~~ and



Something might still be gained by labeling skeleton arcs.