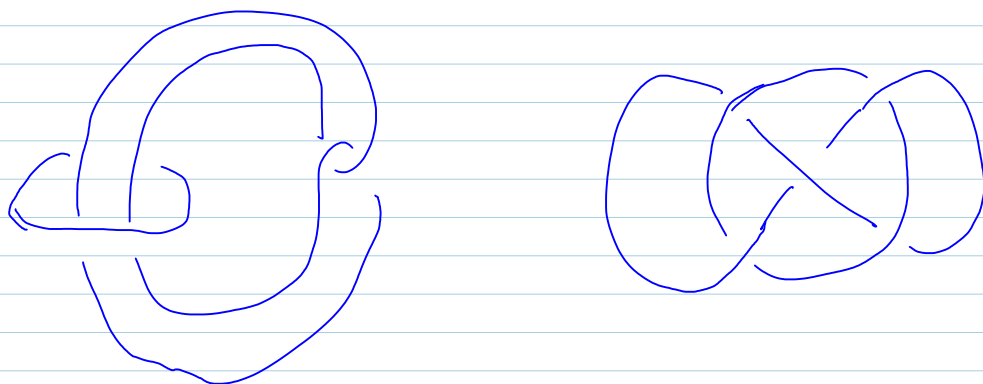
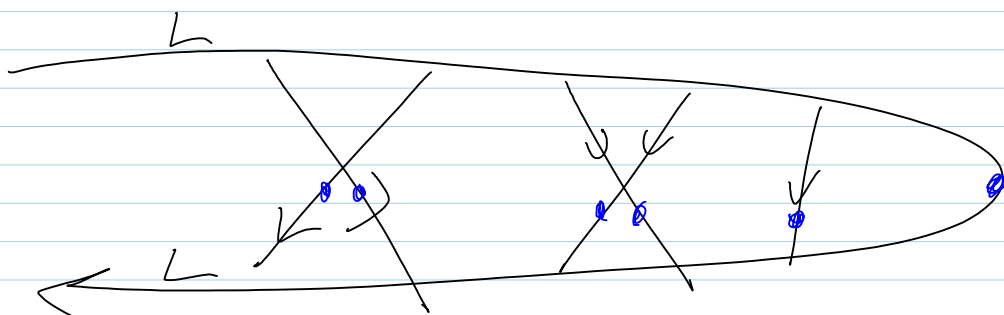


Is there a basis-independent version of J_n ?

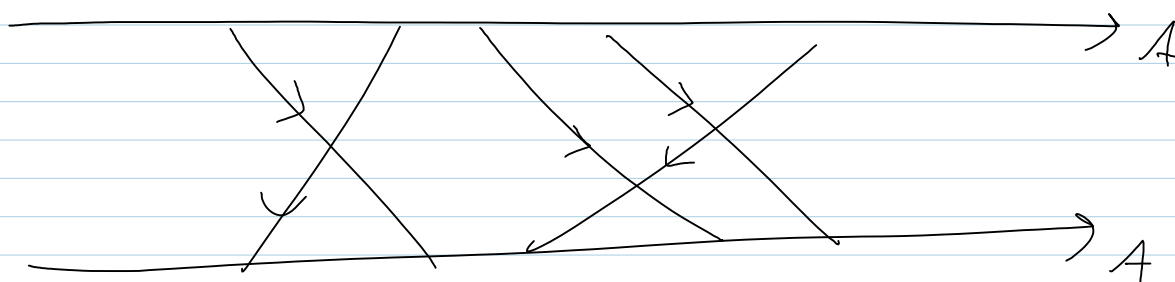


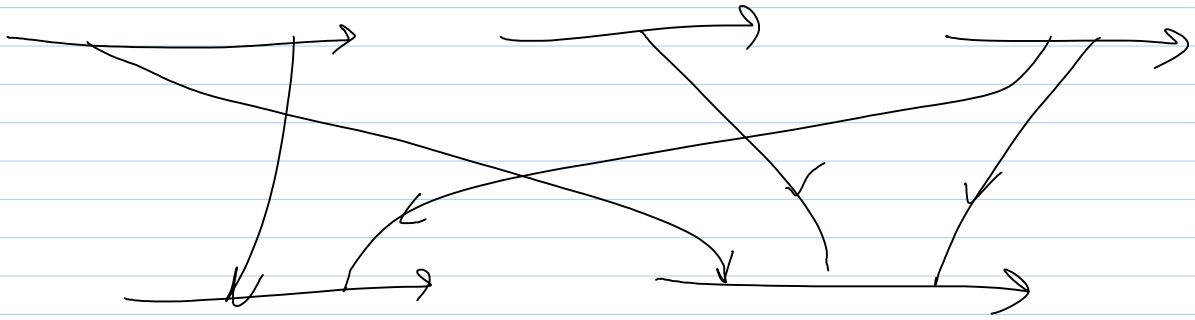
Q. If L_n is the $(n-1)!$ -dimensional rep. of S_n , what's $L_n \otimes_{S_n} L_n$?



Is it $(n-1)!$ -dimensional w/ basis as above?

By thickening, get a map into $A_n \otimes_{S_n} A_n$:





"multi-dock shuffles"

I should write the J-story in the language of connections and holonomies!