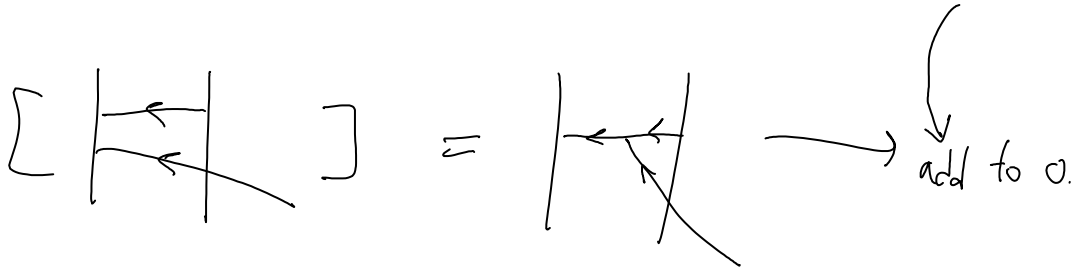
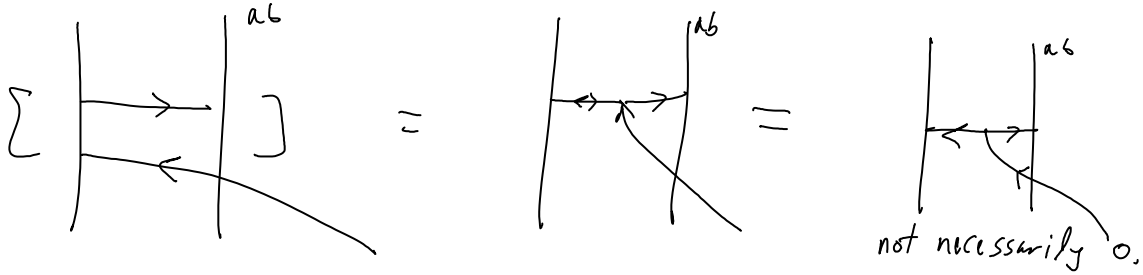


Question How does this relation relate to FiC?

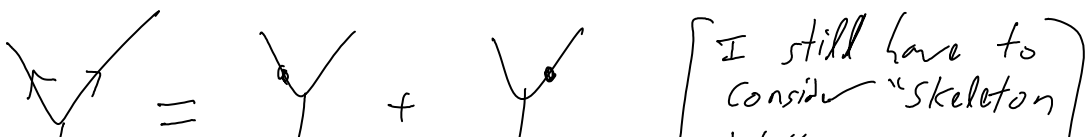
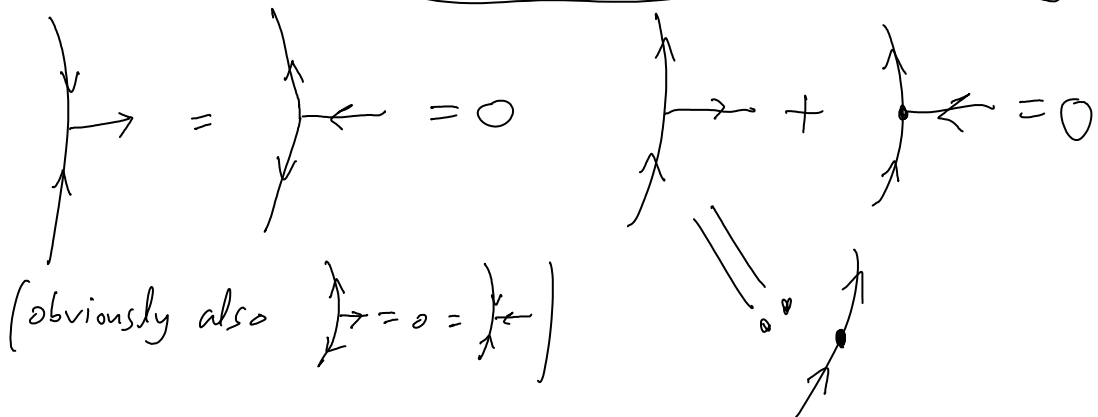
Question Does $gl(N)$ satisfy this relation?



Questions 1. Reexpress $A(\mathbb{R}^{n \times n})$ in one-strand terms.

2. There is a "strand doubling" map $\Delta: A(\mathbb{R}^n) \rightarrow A(\mathbb{R}^{2n})$
What is $\ker \Delta$? $\text{im} \Delta$? $\text{Coker} \Delta$?

(varishes because of Δ no part)





[There is an "acyclic version", allowing no "trapped dots"]

So

$$A^V(\uparrow\uparrow\text{gas}) \cong \dot{A}^V := \left\{ \begin{array}{l} \text{Arrow diagrams} \\ \text{with dots on} \\ \text{the arrows} \end{array} \right\} / \text{the dots are in } H'. \quad ?$$