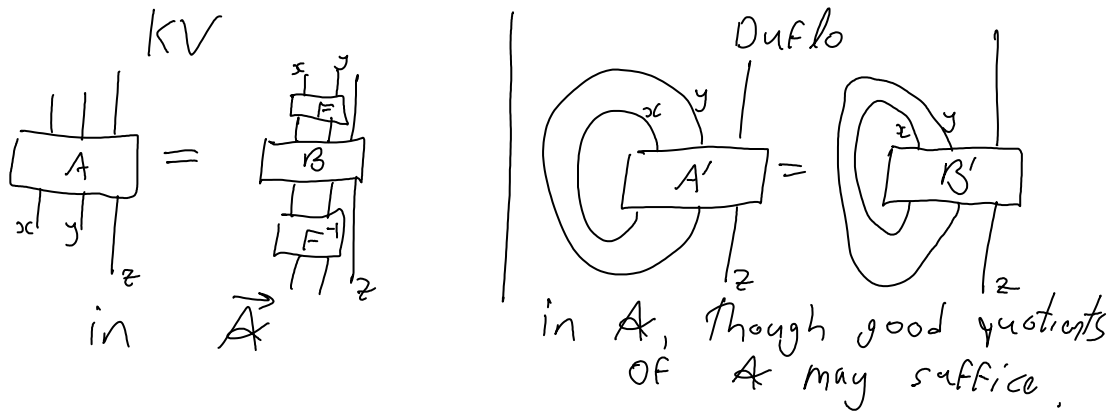


What the issue seems to be

November-14-08
2:49 PM

Which issue? How KV implies Duflo, and how the need for the unitarity of F arises.



KV \Rightarrow Duflo if we had a map $\beta^d: \vec{A} \rightarrow A$.
 (so that $A \rightarrow A', B \rightarrow B'$)
 We only have a map β for "dreams"

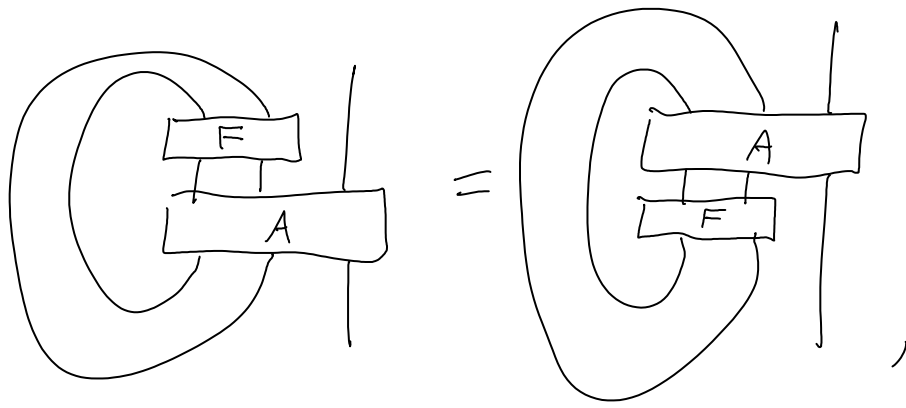
$$\beta: \vec{A}_{z\text{-non-degenerate}} \longrightarrow A / \text{homotopy on } z, \text{ (which preserves } A \text{ \& } B)$$

which sense make not on F .

However, for appropriate F , on the KV side the $F-F^{-1}$ pair can be folded into B so that its image under β is a sum of $x-y$ link relations.

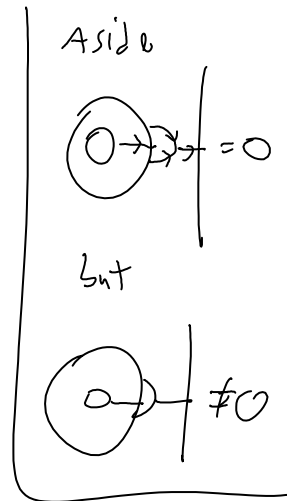
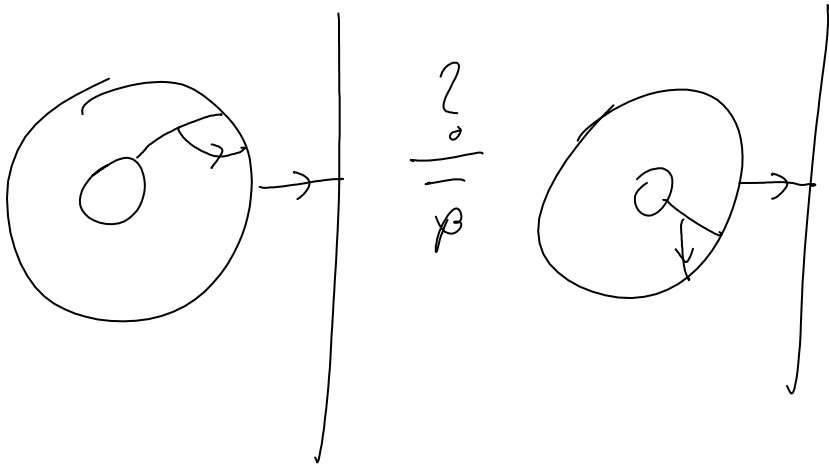
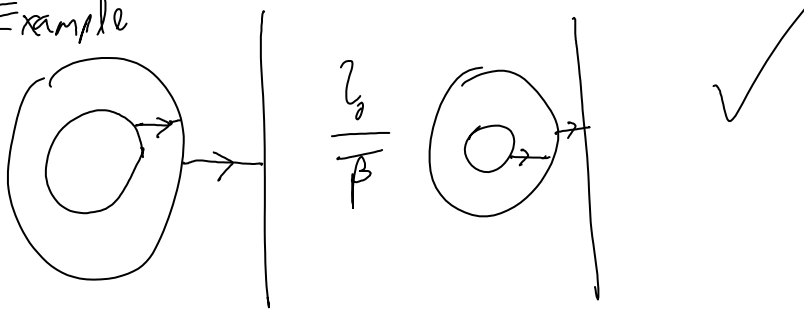
"Appropriate F " must mean "Unitary F ".

Q For which $F \in \vec{A}$

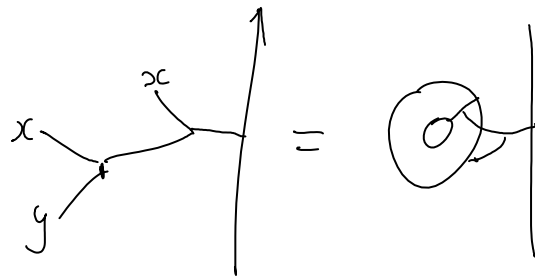


even after applying β ?

Example



The difference is



which seems $\neq 0$!