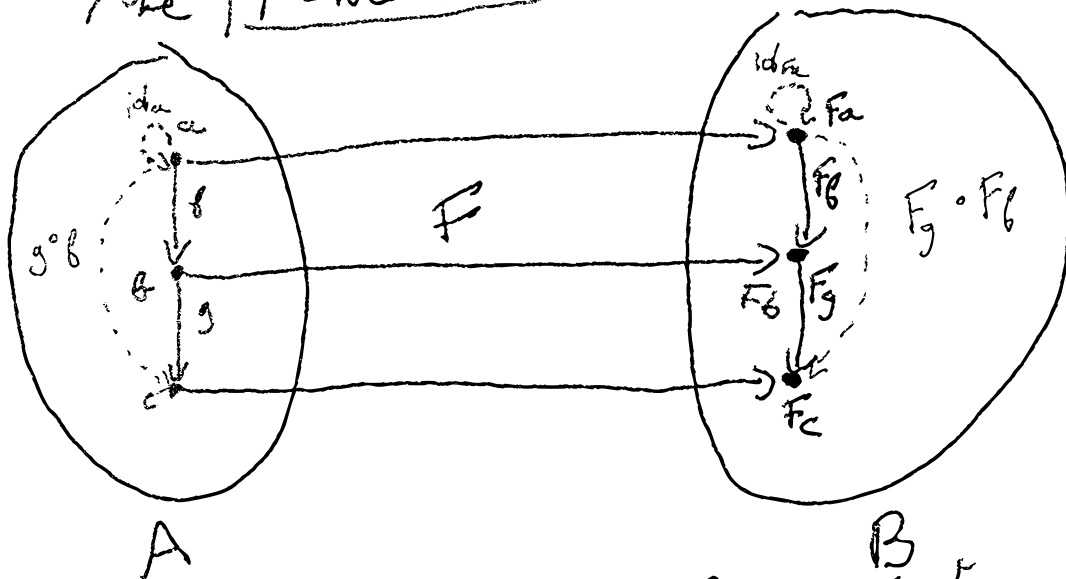


The FUNCTION PICTURE



$F :: A \rightarrow B$
 $a \rightsquigarrow F_a$
 $b \rightsquigarrow F_b$
 $\dots \text{etc} \dots$

- laws: Preserving structure
- ① identity
 $Fid_a = id_{Fa}$
 - ② composition
 $Fg \circ f = Fg \circ Ff$