

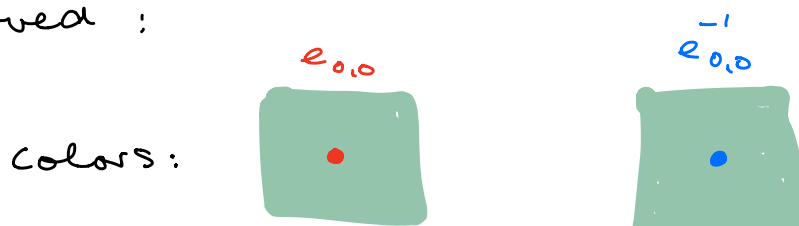
1) computing  $\pi_3 MO(2)$

wts  $\therefore \pi_3 MO(2) = 0$

$\leadsto$  that is, any 3-morphism is stratified cobordant to the identity of the base point (triple)

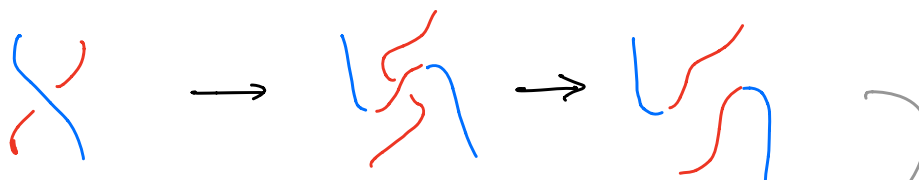
$\leadsto$  if our 3-morphism has no braids this is easy (in this case it's a bunch of non-linked circles)

$\leadsto$  we show all braids can be removed:

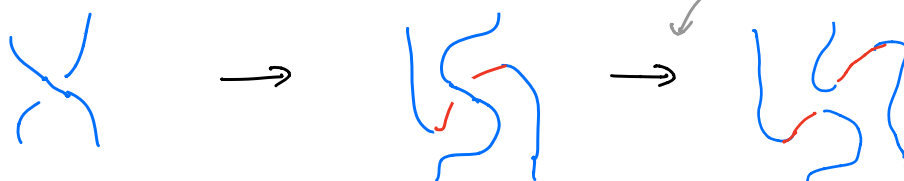


Step 1:  $e_{1,1}$  removes red-red braids

Step 2: red-blue braids:

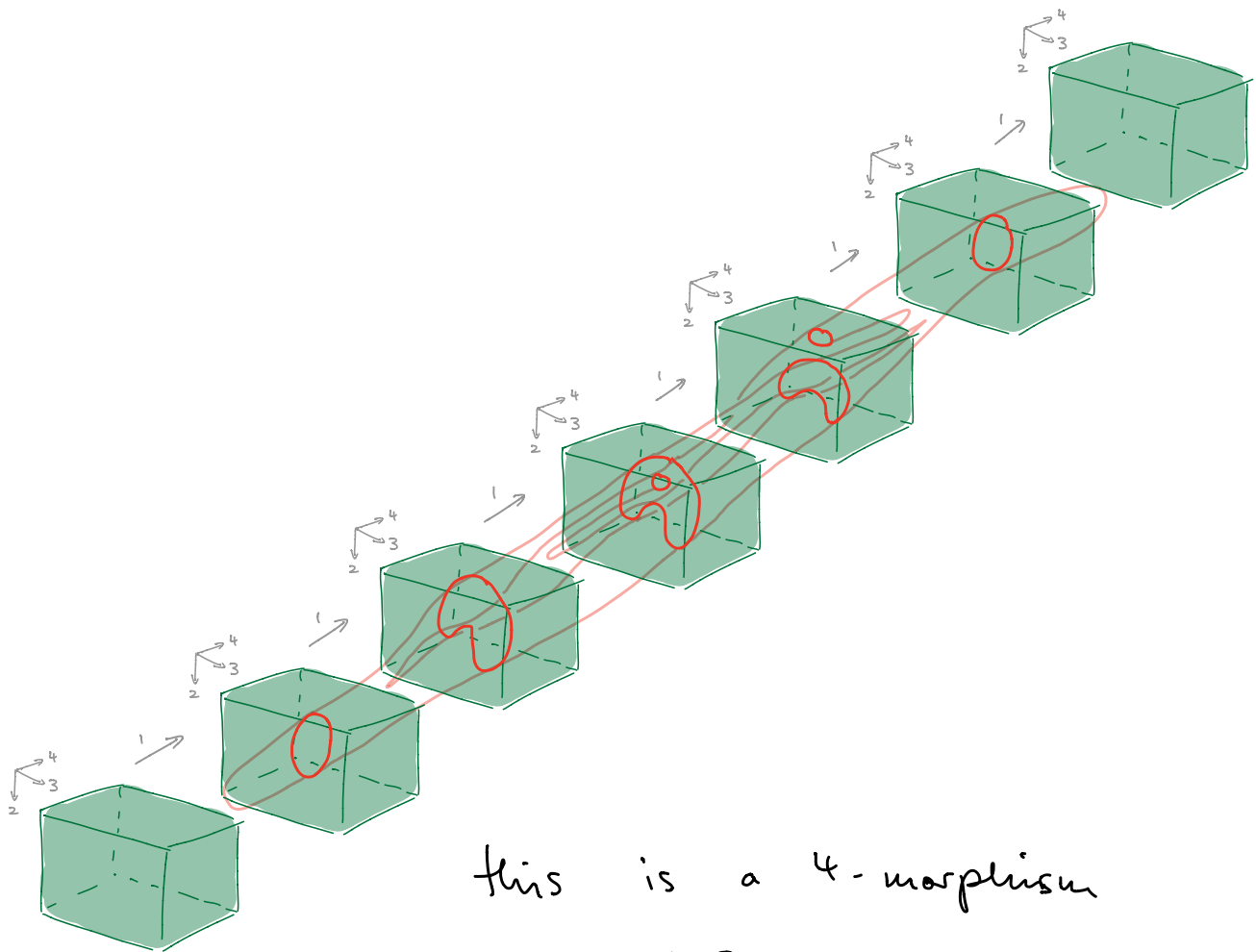


Step 3: blue-blue braids



2

Klein bottle



this is a 4-morphism  
in  $C^{MO2}$ . A similar  
4-morphism cannot exist  
in  $C^{S^2}$  since the Klein  
bottle admits no stable  
normal framing.

# 3 The $e_{0,3}$ cell

