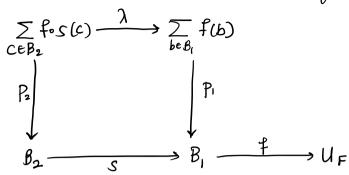
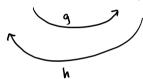
Pullbacks of bundles are Pullback squares:



 $\lambda(c, \mathcal{F}) = (scc), \mathcal{F})$ Pi(b, F) = b

to show the square is a pull back square, we need to show

$$\sum_{c \in B_2} f_{c} s(c) = \sum_{x \in \sum_{s \in B_1}} \sum_{c \in B_2} \left( s(c) = p_{i}(x) \right)$$



define g by  $g(c, F) := ((S(c), F), c, refl_{S(c)})$ 

define h by h ((b, F), c, r) in (s(c) = p<sub>1</sub>(b, F))

(s(c) = b)

= (c, F) Fin f(b), but ris a witness that (sw=b) so Fisin fos(c) as desired.

9.h (b, F), c, r) = 9(c, F) = (sc), F), c, reflsco)

but (b = S(c)) is inhabited by r.

and (r=reffsc) must be inhabited b/c there is no higher homotopy (since these one real cohesive types).