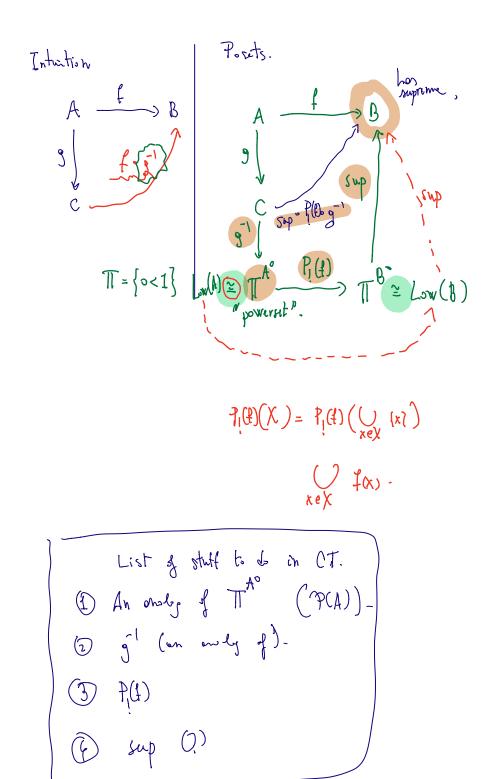
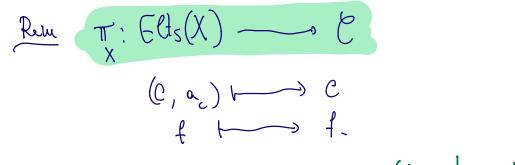
extensions Kon Kon extension f A B Adjourt Functor Fleorin . 0 9 "Axismotic" Gnom (15 morn general) Alerra 15 15 con crute for mole to compute the externion (Addi flom ossempions Concrete formula) Historically wre foithful Very Q. Chaptur understanding of the concration

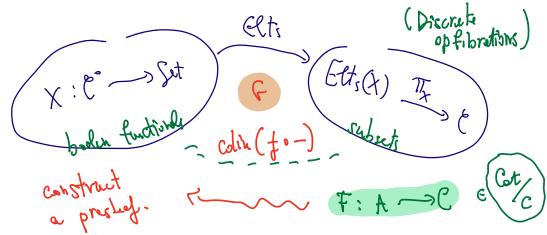


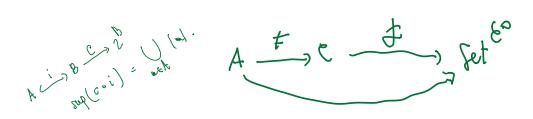
"the Grothendiek construction"
Low (P)
$$\equiv$$
 P°
Given a sud prashof X: E°) fet
I went to construct a five ctor
 $T_X: Elts(X) \longrightarrow E$

Def Given a presbee
$$X: \overset{\circ}{\mapsto} \rightarrow Set$$

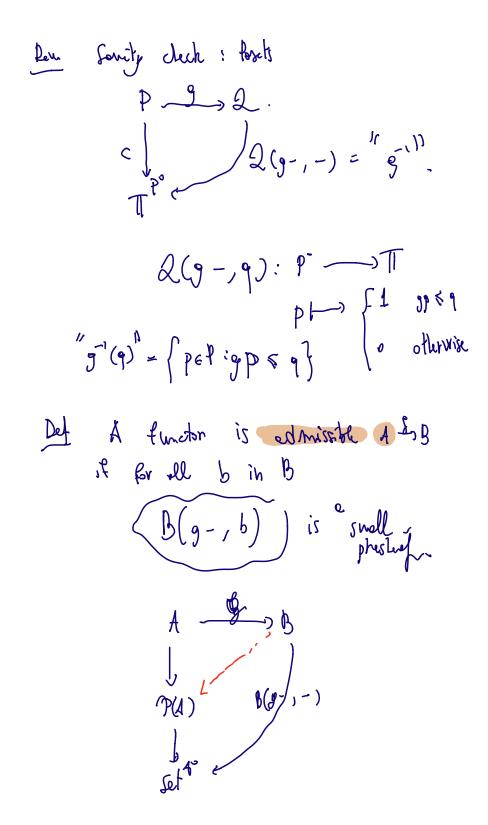
we define its esteory of elements
 $(t_{x}) \xrightarrow{\circ} ob = (e, e_{e})$ where e is an
 $(t_{y}) \xrightarrow{\circ} ob = (e, e_{e})$ where e is an
 $(t_{y}) \xrightarrow{\circ} ob = (e, e_{e})$ where e is an
 $(t_{y}) \xrightarrow{\circ} ot = (e, e_{e})$ where e is an
 $(t_{y}) \xrightarrow{\circ} ot = (e, e_{e})$ and (t_{e})
 $X: \overset{\circ}{\mapsto} \rightarrow Set$
 $(t_{e}) \xrightarrow{\circ} Set$
 $(t_{e}) \xrightarrow{\circ$

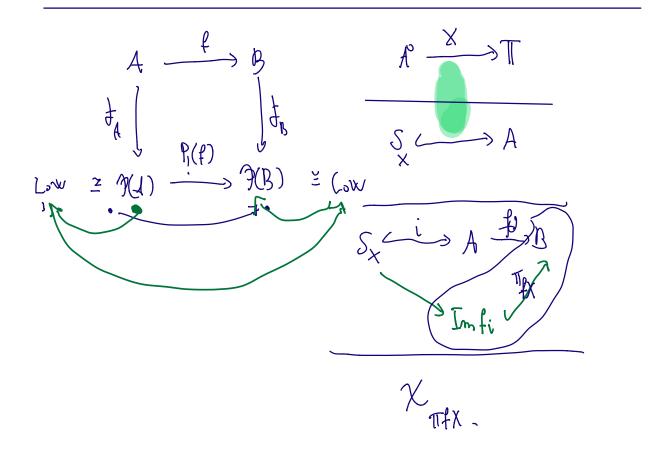




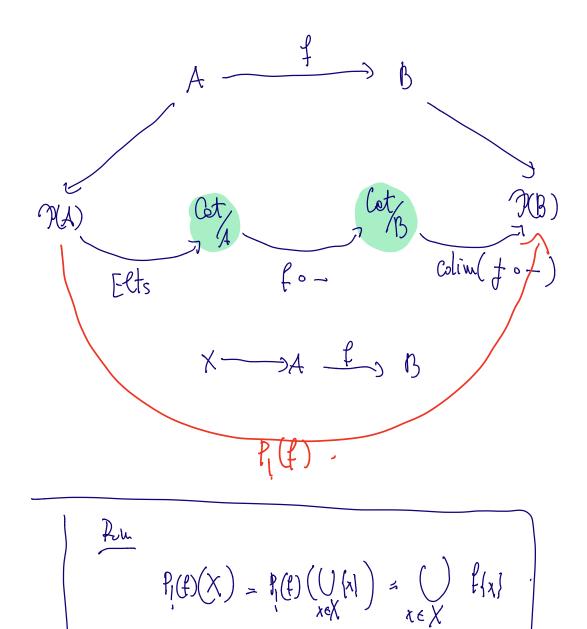


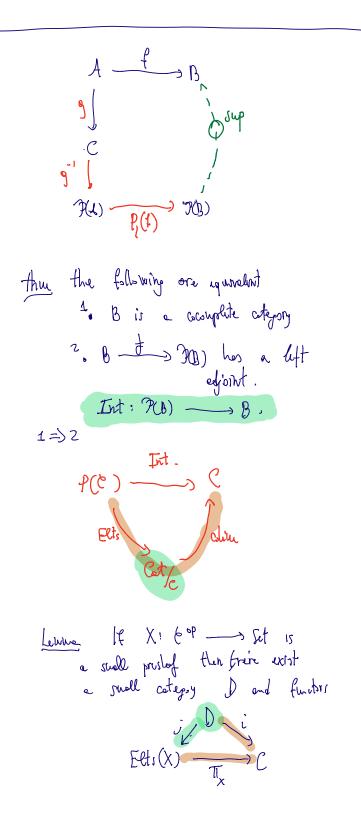
F ----> Colive (foF) eliu (to t) = X_ thm





de la the some !





such that when The existint iff chi (i) wints erd in that core they colhide Very pool thus if f is an edmissible functor and B is cocylite, then ver een Ken-extend $f \downarrow \qquad bar g \qquad Int \\ c \qquad t g \qquad Int \\ f(g) \qquad f(g) \qquad$ B(f- ,-) p(n)Run lett ken extensish Den Right Kn extensions.

$$B(f_{-}, -) - B(f_{+}, 1) - []$$

$$B(f_{-,-}): A^{P} \times B \longrightarrow \text{Jet}.$$
$$B(f_{-,-})$$