



[A] I can fill & with some naturally selected 2-cells, in particular doing so allows me to prove the derived axiom. How do I know that IT IS THE CAMONICAL ISO? As said before, I don't see how townstee the inclusion, to see if it commutes with them. Just because it is a reasonable droice? I'm missing something here.

[P2] I has hoping to get this again from universal properties.

The torget decoration is part of a sum in the Gothendieck category JF, namely (ntm, F(in)y+F(im)x). Con me convince ourselves that both pob F(b)oy one THE CANONICAL isos that amounte with some corresponding inclusions? Could I see such an argument in detail, 14 there is a re?

(NOTE) In the proof E(m) & E(m) & E(mamam") he KNEW that

the intermediate ments more comovided, or comes! Here we know so for pls, but not sure about b's. I HAVE A FEELING (TSHOULD NORKZ?? Frity f(mtn) + (mtn) + (mtn) + (mtn) + (mtn+mtn) + (mtn+mtn) + (mtn) The form of the following following form of the following foll where two isos on We want to show that with the the right ove by above filler (\$ = 5. We pseudofun of F, natural start from & and we use two ty ut & univ. popl properties of a braided low monoidal pseudo fractor. w is a modificación Entry Compling Finanthal 18 $f_{n} + \frac{F(im)F(in)}{b} F(n+m)F(n+m) = f_{n+m} \frac{F(im)F(in)}{b} F(n+m)F(n+m)$ $f_{n} + \frac{F(im)F(in)}{b} F(n+m)F(n+m) = f_{n+m} \frac{F(im)F(in)}{b} F(n+m+n+m) F(n+m)$ You already see that () _ > oxises as is in) ! So me will replace that by the RHJ and it is neumrand on b making of LHJ in the it neumrand F(im)F(in) P(m, in) F(m+n) = [F prendo] [F(i'n+i'm)]

F(n+m)F(n+m) P(n+m) F(n+m+m) = F(n+m+m+m) = F(n+m) F(n+m)

F(n+m)F(n+m) P(n+m) P(

We are very close. We wish to make some Lm, in appear instead of these Lin, in we currently have. We will do so, using () and preudonaturality of \$1,9.

pseudonatornal

First

F(ini) F(ini)

F(men) F(men) F(men)

F(men) F(men)

F(ini)

F(

where the right hand-side iso (two isos composed basically) is the same as the iso on the very right of (the pseudopurcor fapplied to equal sums).