11/29/2016 C. Viterto, Redification and the Floor complex: quantity Logins in ToN IAS/PU Sympl Lagr. subables e colors on N=1R senihar. ss (F°) = ss. F. Dof. Let F & D°(X).

(xo, Po) & TX, (xo, Bo) & SS(F) iff for (a, 5) new (xo, Po), \$\psi \ \express{\psi} \ \psi \ \express{\psi} \ \express{\p 5,t. 24(x)=P, 4(x0)=D lim H*(ur, F) ~> Im H*(un [4=03, F) Rmh: 1) 55 (F) is dosal.

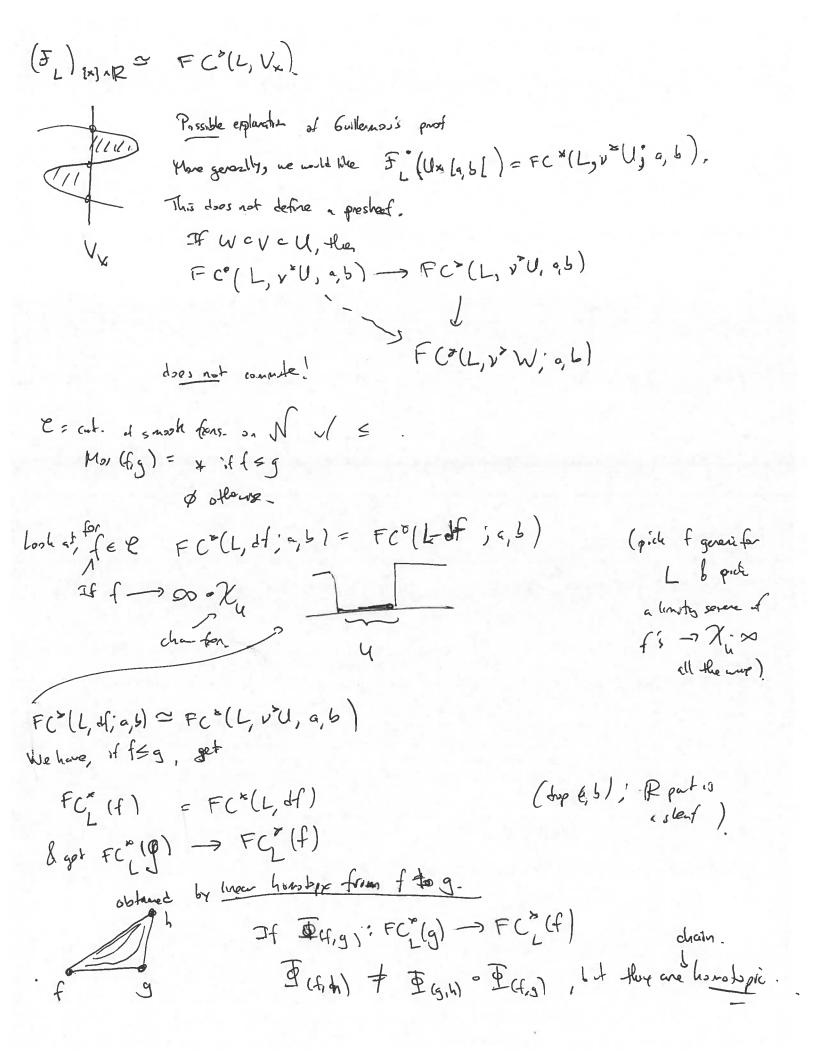
2) At section last, for a shoot my section deduced enterts ungide of year Properties 1) SS(F) is poss hang. 2) (Kashiwara-Schapira, Gabber) SS(8) is esisotropica If, marcora, I is constructione, then, SS(F) is "Lagrangian" more go seek, b/c may not be smooth. 3) If Ky & the conshit dreet on U, open set of smooth boundary; then $SS(|K_{le}| = v^* (l = \{(x, p) | x \in U, p = 0, ar \})$ V(x) which notice of xSo let $L \subset T^*N$. Set $2 = \{(x, \tau p, t, \tau) \mid (x, p) \in L \}$ $\tau \neq 0$. $\{(x, p) \in L\}$ $\{(x, p) \in$ + brune shows Then, I is post hamogeness. We look to Fr & D'(N×R) s.d. 22(2)/ O) = [

FL is called the /a quantization of L. For any exact L, F JL quartizes L.

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proved by Guillermou, & related to Nidler-Zaslaw, (Napot.)
  This Let & cTN begerect, varishing Mular class, Spin. Then there exist a drigue
    F & D (N x R) st. 55 (Fi) = 2 8
          2) F_ is "pove and suple" (constill timst).
               finder of map II (u, 4=0) = H'(u) Is chers I -
                      t adarent
         2) F = 0 at t = - > 
= k at t = + = 0.
                                           "rel hang rel to (-so, a)."
Girlens 3) FH*(Lo, L2, a, b) = H*(N×[a, b[; RHen*(F, FL1)]
  in particular, fH^{\infty}(L_0, y^{\circ}U; a_1b) \simeq H^{\infty}(U * [a_1b[; F_{L_0})].

(thus a phies (3) ut some work.)
        4) FL is unique provided 1) and 2) are required.
             I'm particle $ 1000 pro. on & which wen't detected y N)
  signal approach:
     RHom" is the adjoint of *
    F_ * F_ via:
                                unde s(t1, t2) = +1++2
   F, ED, (Not)
                                   s(x,t_2,(x),t_2) = (x,t_1+t_2)
    FED (NHR)
                                   Fx *Fz = (Rs) 1 d (F2 A Fz)
 want JI * FZ & Db (NAR)
                                          , dn: N -> NxN doagand map.
  II, I dea for constricting FL:
                                 FC+(L, V, {t}) = Im F C*(L, Vx; +-E, ++E)

V = x x (R*)* Vertical
      One would like (FL) (xt) ~
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What we get is a presi-presheef (pseudo-fracter) or housepy-culeast system. Sketch: 1) Show that FC can be rectified to a real proshed 2) Sheatify 3) Prove that SS(FL) = L \$) Druv consequences. 5) generalize. Rechtication: [Lune, Goerss - Jardine, Vogt, Cardier - Parter, Segal] Dugger)

"http://www.ts.b.

codomits

(but does top-layurel category)

solute

source case. If Pe > Ch childed. "hlopy sheet" the holdin = $(D + (f_n), D)$ is rectificative F(f). where di(fn ? - ?fi ? f) 0 x = (fn ? - ?fi ? f) 0x dn (fn ? -- ? f) @ x = (fn + ? - > f) 2 - 5(-1) di & Pfn-2fn (x) J: F2(f) - F2-(f) D= 9+9. => recfification. induces Hocolineary F -> Hocoline (elf F = F(f) $\begin{cases} (f_n z - zg) \otimes x \longrightarrow (f_n z - zf) \otimes x \\ \hat{F}(f) \rightarrow F(f) \text{ is a d. htprogram} \end{cases}$

n) proshed, ~> shed.

II. Those that $SS(\widehat{\mathcal{F}})_{S} = \widehat{\mathcal{L}}$.

Rober of genera point, no difficulty.

tricky part is where there is a fold / beforeather.

district : SS(FL) c [(2 c SS(FL) passly by a limiting ergred)

had been it's not byge, if exploit by hand.

(con use Mayor meters + boolize this); buse a local generating from for the Lagrangian, + compare).

Prop. If ZCN, submflb, check:

Then, FH'(L, V'Z; a, b) = H'(Nx[a, b[, RHn* (kz, FL)]

or apply this to Z= UN, L= L> × Lz, & this implies

m) FHO(LgLs 0, a, b) = Ho (Nx[a, b[, Rlbn (Fu, Flz)]

W. Appl. bygenelise.

Fshef M NOIR, LCTON FH'(L, F) ded HO(NOR, RHOM (FL, F))

or 1960, can define Ith (b, b) for b, b non-smooth, (need uniqueness; but in certain solvations, can get this)

· TON = "L" co.sotropic

SS (9) =, 9) is affally doct.

Mindegree O (10 not myre!)
o ofhere (nt = 0 in deg 70). "FH*(ON, TN) = U*(N*R, 9)=