Alpozaw: X symplectic Lagragian terus fibration X, Q 1 { 7 E N | 121 = 1 } SYZ mmo: /g = H2(Xg, Ug) = (U)" this has aring of fixes of the form confliction of Eds 28 | lin 1981 = 20 }.

POLY NIV 1) SEHIK, 2)

NIV 1) SEHIK, 2) Right country is now .. -> Y= II Y2 topial manifest ? ind-red by w on X. I a caronal dertification of ToQ = H1(X, R) Letting A = non-zer elevents of A can map Un -> A* val R

Can identify a note of Part 200 / a subset of H (Xg/R)

We obtain an embedding $\lambda_{P} \cong \prod_{P \in P} \subseteq H^{1}(X_{2}, \Lambda_{2}^{*}) \subseteq (\Lambda^{*})^{m}$ tralytic fors. Op on Yp are larvest seign or which conveye in /p . Thm: (A. 14): There exists a class of $EH^2(Y, O^*)$ and a faithful embedding

Fuk(X) C) P(Coh(Y))

Section.

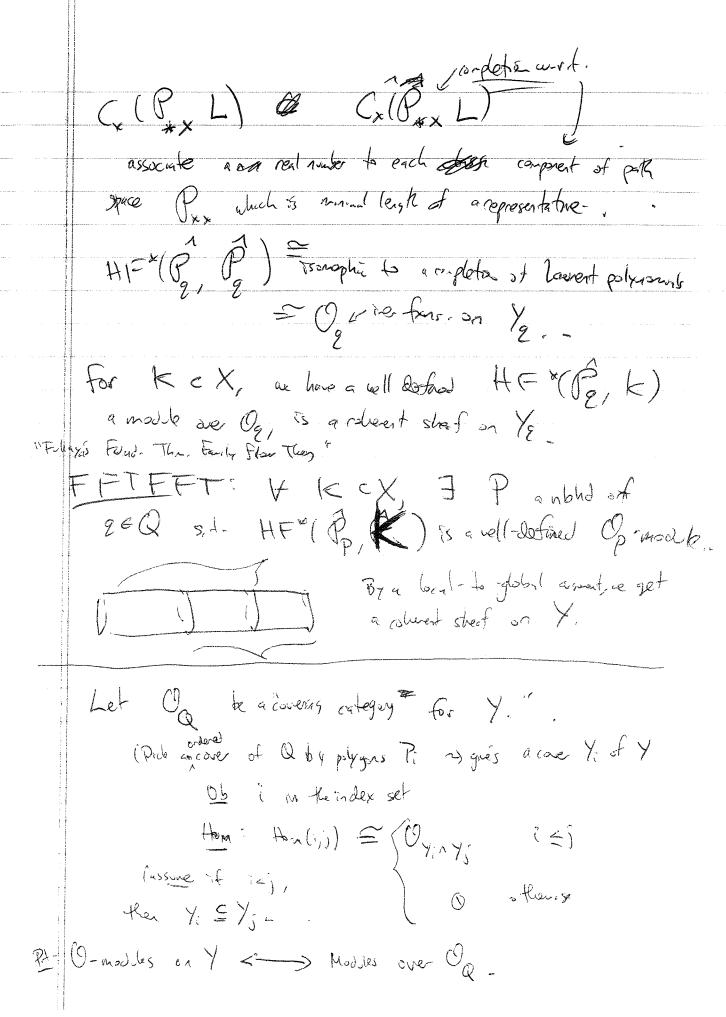
(hours a lessneedle & we (base)) Claim This functors filly faithful.

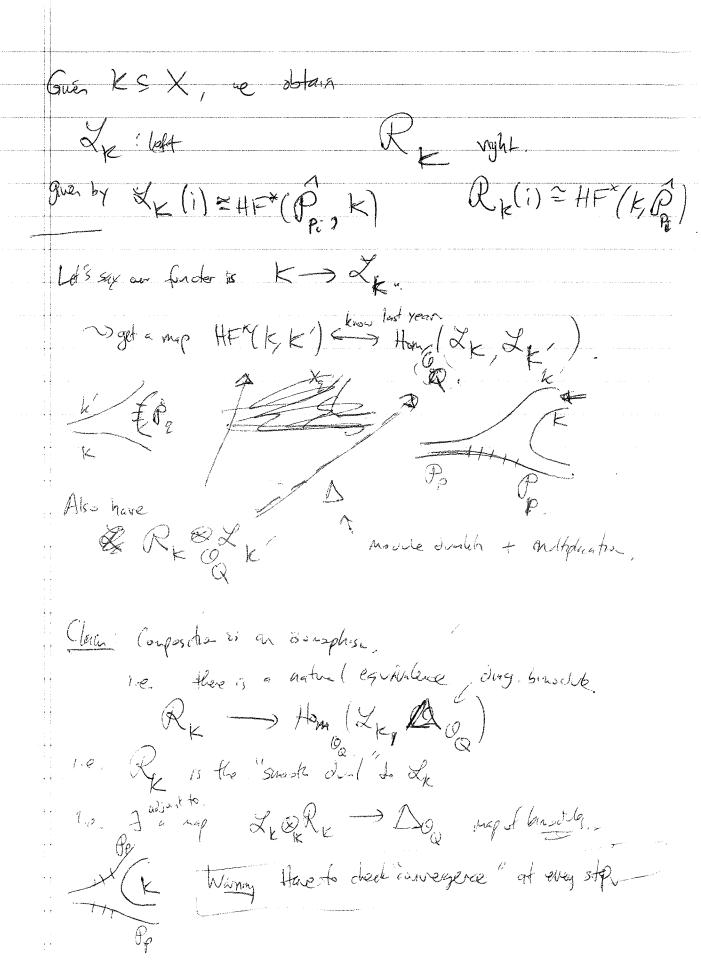
Key Ideas Find an inject of F(X) or rathe in an enlaguet of F(X) having HF+ 150, to 'Cy.

Toy case: Assure X is exact symplectic LEX exact Fix a baspoint xEL Let P la the "land system" on 2 m/ fiber of a point x-2 Cx (PLZ) 1 parks (0,1) -> L

HF*(P,P) = 104400 (Gad H)(L, HOLIPP)). Floor

Ellenerg-Meere S.S. $\cong A_{\star}(\Omega_{\star}L)$ If Lisabry, then H_(D*In) = Z[H_1(T,Z)] = Laurent polynomials. If KCX is nothe each Lagin, then HF*(P,X) is & models are levent polynomis; B.C. ice a collect shef on (C*)". C'(Q) 7,Q (Assure that TZ(Q) =0). => Flows Xg do not bound any discs. C. 52, Q Iden: Given my KCX, is get a cherent sheet on Ye by compty HPO(P, K) where P 3 a "complete" of Pg local system on filter Xz. Have to complete because there may be "holosophic stops t a infinitely many classes: Yields & loven + seiz in Flex delasted instruct Consequence of Grone operass: I findly may discs sit. the length of lesabenday along X : braded -" (almost).





Weedi (1) Diagram country abodish arguest. Dheed Re Thing (2k, So)

SORk & Le are cideo d'al

luxer Cady re/a frice; home Bogs,