$$Z$$
 close) on it subsets $f T^{*}M$

$$D_{Z}^{3}(k_{H}) cD^{3}(k_{H}) U = T^{*}M \setminus Z$$

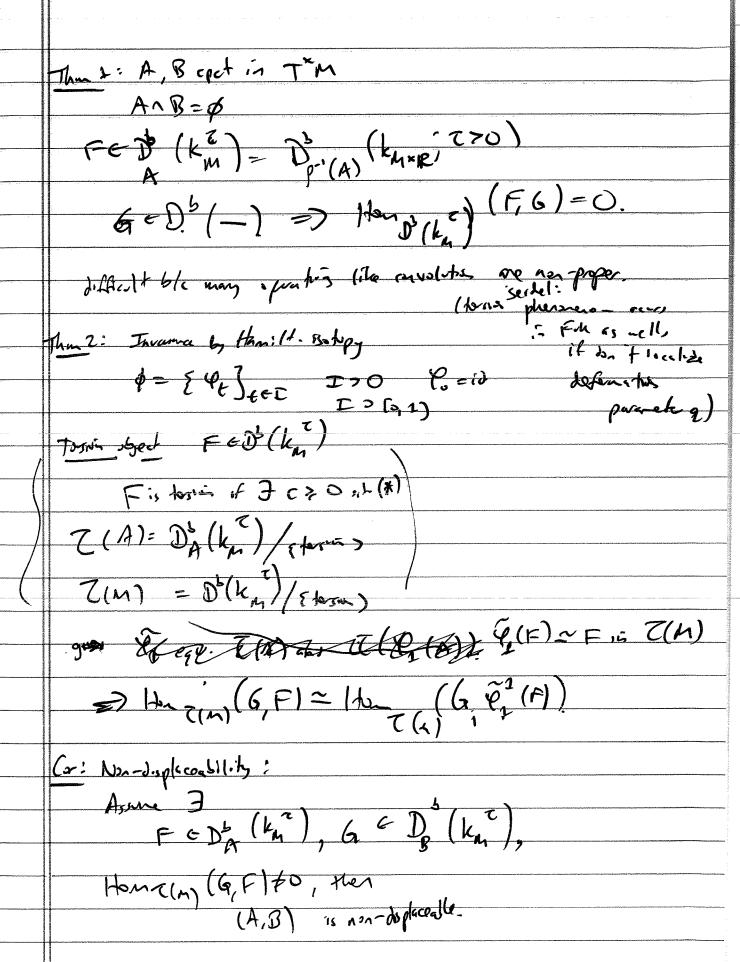
$$= \{F; Sr(F) c Z \}$$

$$\mathcal{L} : F, \Rightarrow \overline{f_2} \rightarrow \overline{f_3}$$

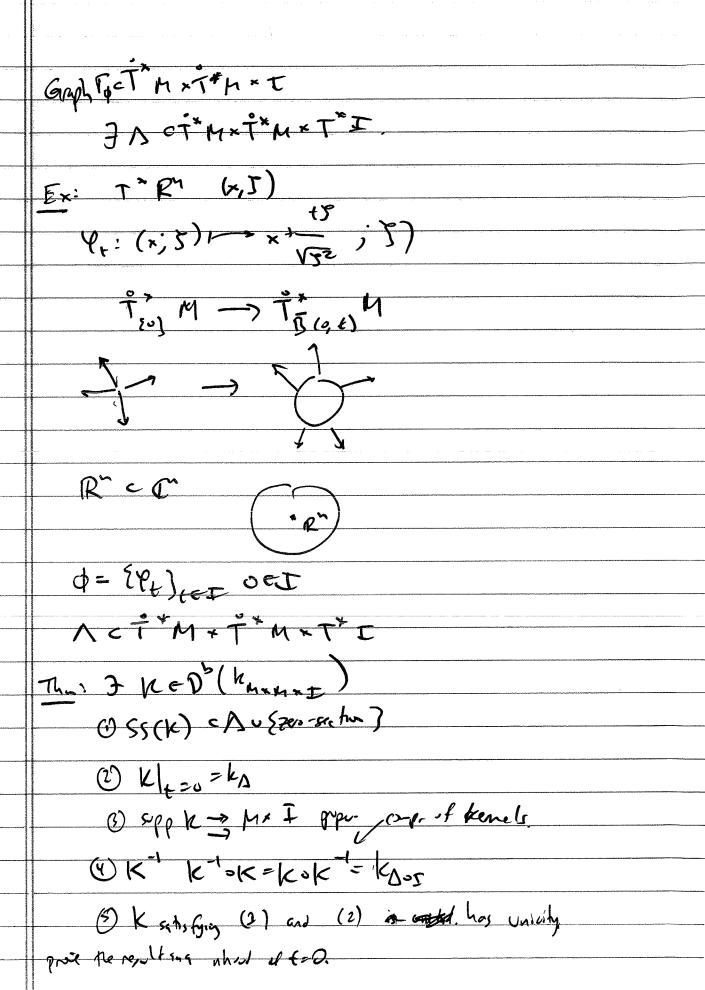
$$\mathcal{L} : \mathcal{L} : F, \Rightarrow \overline{f_2} \rightarrow \overline{f_3}$$

(M+R)×(M+R) -> M×R

Have natural purphisms F* k(c,+1) k [0,00) -> K[c, 0) Torsion object Fe Db (km) [*] F->TCF & Db(kmxR T (M × R).



Lemma: Lily faithful Db(km) -> T(M) F -> FØ k[470) Agree Mampact F=G=km. => Tu M is non-displaceable Hom sooter, i.e. "Fulma (T*M)" ~ T(M) = D3(kmap; 7>0)/torsion Jone 4/ Gullenn - Kashman -5 on ar Xiv HHI homogeno-s hamiltonin isotopy D: TMXI ~T*M φ = { Pe) + er P. = 18 Yt = Rt-Ra symplectonophisms $\forall m = lounte$ $f = \langle dm, \frac{\partial \phi}{\partial t} \rangle, \frac{\partial \tilde{\phi}}{\partial r} = H_{p}$



Λψη 5; (F.) = S = SS(Fs), S. :, snoth, Lagrangian.

Ay 1 So is transversal.

+ Fo is simple in 1.

=> \(\{ \(\sigma \) \

0 = HC , F70

Thm: M connected and expect : X, Y has such connected as buples

if M

if Ss a possible HI+ I

if Tx M) = Tx M

if X = Y.

