J. Pardon, Mini-rouse lecture 2, Liouvillesectors and Fullage collegates of Stein manifolds 10/7/2016 Auboreal singularités (Madler): T-rooted tree onested towards roof. T who is of veter, up to enumber is factor to component, remove edges where Natler], to the component of are negatively labeled.

The country is an engage to be led. sending ( {te}, x) = { te else compress containing of comparets certainly (copy of R) Rock: there are three argles, +2,-1; can choose other argles to erg, and it trivalest EX: T= P2 v conomal shortly speaking need to smooth : at this pour

Let XT be the Lionville sector (E(T) \ NS (300 LT)

(Rmle: to be closed under products, steetly speaking should not all disconnected trees)

ex'. 7/////

Abuse notation:

 $X_{T}^{2n} = X_{T} \times \left(T^{*}[0,1]\right)^{n-E(T)}.$ 

Rml: 20 Lay D, 20 La = D. Prop: [Ganatra - P. - Shende]:

WT Allsbeat spaned by flows.

(Seidel: show has x=-2, if fitter, get quis I supports; get a LC model, C2 rel thickened (5)

which is exactly the LG model for x2+y1) which is a stabilization of (C, y3).

(Rook; thee's a traver tetil fyor goward the boundary (2,4) Horrs

Questie: what if T is not an ADE tree? Can one reduce the denerous to something low? (A trees a bineduced & dis?; have and specialization, ) conj: can charste boott down to @?? DE have 2d speculizations)

(dulhi, the construction of producing a sector in complete of A works when A is to produce need to singular/ischanalytic ").

Ansver + Ree 6).

Another pictures t=0 (Lionville) Ree b.

Thousake flow

to Rest dreight

contact fail 1-9 F Thes convex nhote/ handay "

( in this case,

wak a explicit

Roll/question: (D. Treumann)

ON (X - 70 > effects) high dinessur.

Rep ( -> -> - + House

W ( ) ( ) ( ) low diversion

Any explanations? "taking asline"?

(Paul: per-(CIP, std. start)

strassoc to A. sufere surluh; I know relative between topology increasing

vs. drevægaig up)

There's a category "Trees"; objects are noted trees Sist' maphitus T-->T' are correspondence, £2 Both X - and DRep(T) are funders on "Trees" (here we're abose, notation & thinking of X7 via stabilizing) overthis point, can take a tragen cotagent fibe; The should energy controlling

The should energed by the corresponding

The possibility of the corresponding Little & also have correspondence, comby for ; shald gue exact taugles in the category). (Recall X = A)B & A>B any any thee T has may conspondences from X (say by inclusion): allows us to detect exact truesses in w(x) by entections in x(core from comespondences). (or (of pop) funder come tres -> W (X) one fly further)

Oble he is represent to teas).

Sketch of Proof of Props Set WT: = W(XT) ST = Lag're consesponding to rep's explorted on a single vertex. | \pu (Sv, Sv,) = \[ \frac{1}{2} \\ In fact, it too at that 18H'ST is driversully found, so Host --> ST-To prove the result truther to show ST a general's fiber in NT. can do this by using fundamenty. Conjectue: I a outoff Rees reducted on 2xXT with no closed or bity. (if the, then  $OE: HH_{q-n}(W_T) \longrightarrow SH^*(X_T, JX_T)$  is an nonephron Any Weinstein manifold w/ where I some satisfies generation contener.). Rules here . look at tracated Xp : Ex:

Sector

S

den: 200 L7 = 520-2 | N8(200L7) = Flex(N8(20L7)).

But the condition of bedrag an where I seete near than fliction has no orbits.