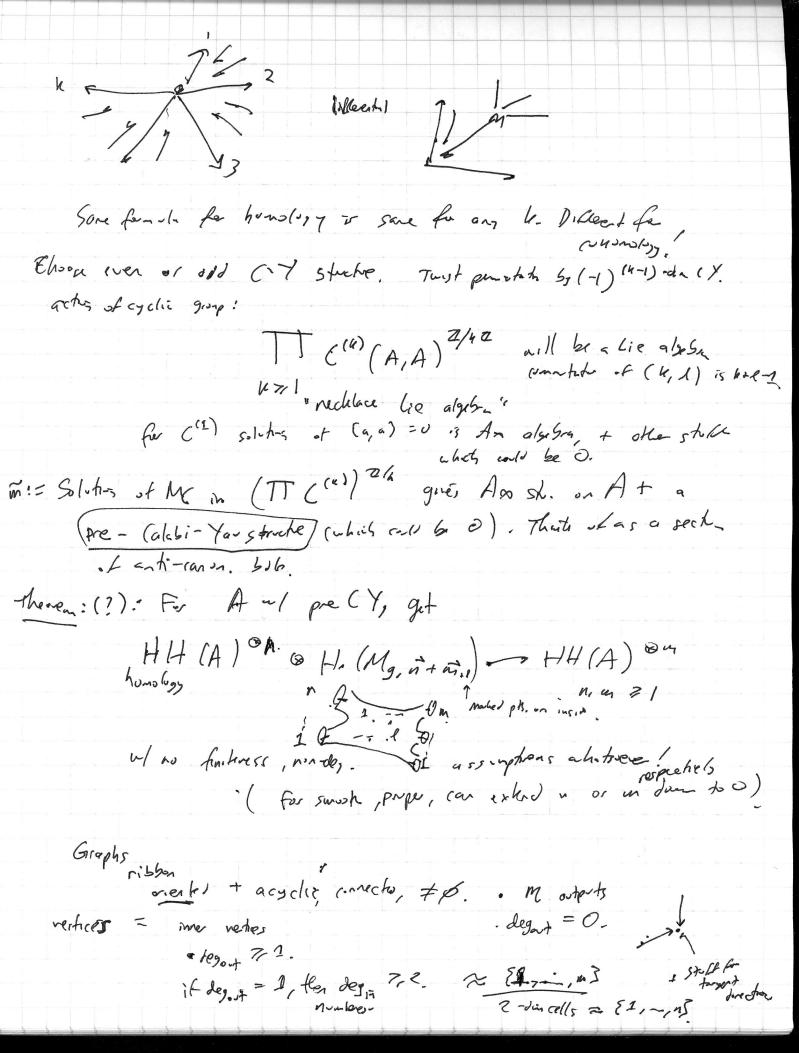
Discusson (Kontenda): how to get Az? relates of spine w/ nechor figto. ofthe examples? Cx. make small a hood, later a little (R2 1015c) ~ (iR) - /15h) which (alabi-Yau stetnes

A dg algebra unital

Higher Hochschild (showstrong)

HIT (k) (A) k=1,2,— HH(4) = R/Dm (A) (A) (A) (Yeli A)

A = mod - ADR (A) pendan Manfesty March - inv. delante h=1: ts-al HH. ("(A) = T) Hum (A[1] 66,+-+nu), A 84) Tany Grandale



deflerential: all extra edge.
9=0: 3 ter gaph 3
suface like this:  The make I shimbly now more  The make I shimbly now more
this vesus has no make pts. on 2.
acyclic proportince, etc.
non-tracal fact: "This is really controlled by cohomology of moduli space (open part).
Suggests cell decomp. of 11-pt. opetitions of Mg, now > 1 int.
· what about non-degree acy. randotis?
Non-degen:
$\tilde{m} = \tilde{m}^{(1)} + \tilde{m}^{(2)} + \tilde{m}^{(3)} + -$
$m = (n) \in C(n)$
M(1) for product, m(e) for non algebra of - (for given 1 h)
2 cases:
A is proper, then HH(2)=PHum (A*, A)
linta dy
A is smooth, HH(2) = Plten (A, A')
(Y is the grain (2) ar quesi-30).
(Vistodas may HH is Republica! A))
If you get little type of CY, the  S' is the (galed) tound, depending on porty of dimension.  If smeath lower bythe there were dead in land.
If smark loss as he had a loss is held
If smooth & grope, both these non-des ; we equivalent.

For small, proper of degen. of HOR (choose esplithing), rereplace on, n 70 and replace Ug. non 67 Mg. non. So point here, is that in complete greatity have held they, not non-unital. essentially, whose a splitting want to be have - HC - -> H 1-1 (e.g. For w/ section of anticonon. Grade, get B-model, introdes to see what A-model will be). what's storetue on there poop HH ? big prop acting in all of this?

questionties of Deligine regarder. Hopk-Luie,

1 -1 E(C).

Hopk-Luie,

Sufice c/

Avialyoti, is

ainly #? (= (ve/Q: 7-gove) of F(c).

SEM (K®2) 1 get

C'A) dependent on ph. ? stability on who on acyclishs . Frector field, related to 3-valent graphs? Sere factor ust goverly invertible! for spet get 5, for smath, set 5-1. For saturated, can do invesse; but HH(-k) = (HH(k)) \* -Q: Is there a notes of non-deg. w/o smoth or proper, intepolations between both? A: Don't Know. 7,Q! Does this lie also contails defending of engthis? Don't know. Q: for talk today, has F, F2-1, F+= F. Is this the only such one?

Is there on aly - -/ don the Cyclic handy?? AN= {q FFNH, s.L((q, A)) ~ = so} an algebra. orside AN as also see Combots CC? n=+ hore. of HHa.

General thing, related to talk 1: Sinylar Lagin in U comille mple -> wrapped Filinga cabyes /Z Not speak about Symp grap , but instant Universal family. T, (Van. finds) - Aut (W). big, e.g. for > ( , get feichalle gap. More: (an on-Itiply U by infinite interral , corresponds to l.a. mule)
side stable symplectic and the stable symplectic and the Consider stable symplecto group only be in principle complete for top-1-37 es we multiple.

e.g.  $diff(D^2) \rightarrow d.ff(D^4) \rightarrow d.ff(D^5)$ woldhasen. Here an bow

the so, egg to write-g. of integers??  $= k_0 = --$ Maybe something can be done here? Q: Is there a chara to be shall iso? ir. From category, construct of dia 's. sympl- manifeld P-7. Triugulahis cot / Isral field. Triungulahs cot / Iscal field.

Space of the

Space of the ability the floral field of tought for material symplectic stacks for words pace is HH\*, Gester hale brachet (pseudop of comorting ende facety??)) peers if non-co-many spec, muchy of much, get preces of symplectic manifel. so many examples, show the sare thing behind it.