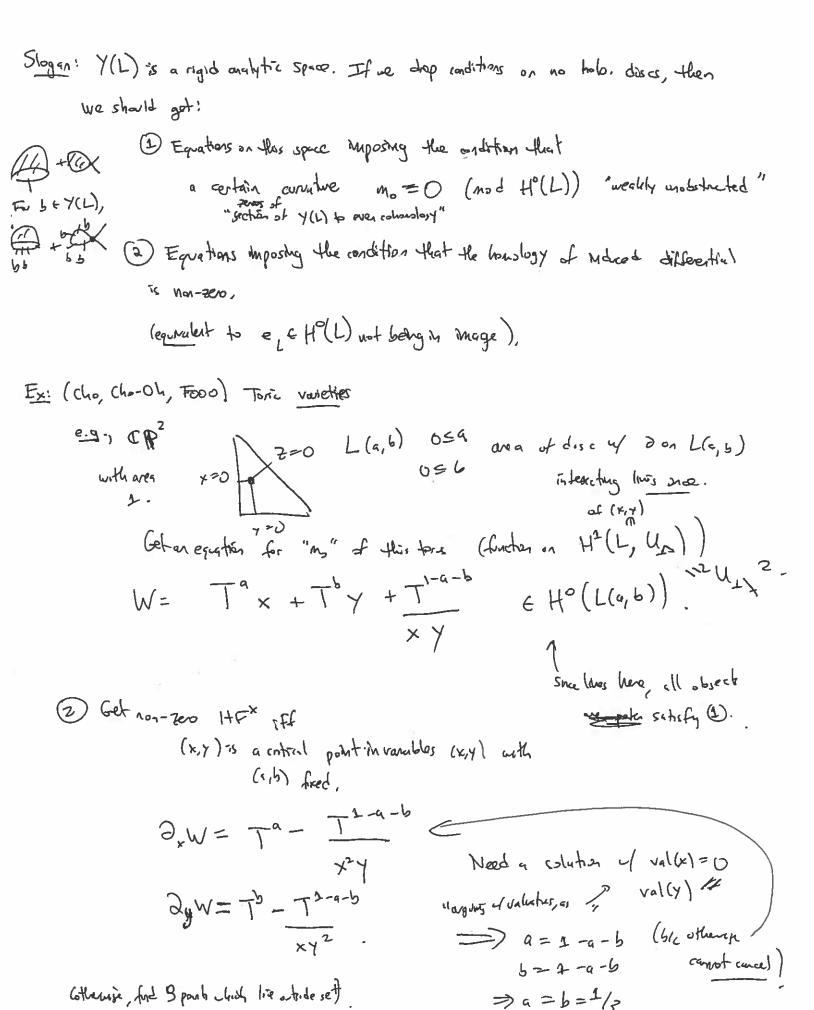
Notation: V Novikor Reld elenants of val > 0 (norm < 1) A~A' 77°~D unitary cleverts (val = 0) Up~ A(0,0) 1 ~ A(-∞,+∞). L er M mussed Leg's with to double points, and bounds no hall disci for some and a -done HF\*(L,L) can be expressed in firm of HF"(L,L) = H\*(L) @ H\*(dobbe pand) [this sign 8 - 1 to reg. in terretion (assuming no holomorphic by Jons enthal! L (corrected by sign country from diversity) Last time: The "moduli space" of simple objects of L F(M) with support on L Az graded H2 (L, Us) × Hodd >2 (L, Mo) × Hodd (doubly No[8]) I meaning, if degree of duste geometrally: A(0,0) × D × D ranks pont nodd, get Ao. - Fullaya 2009 Bolheley ledeg Gronov conjuditess - Crelobak-Floolon-Catsalow
saying: Wit takes some everyy to cross double points. Note: need to exclude all holo, polygon to get all of Hodd (austin ) Ag(S) in moduli space.



=> a = b = 1/3

Key observation: We can identify the potential W for L(0,6)
$(W: A^2 \rightarrow A)$ as the postriction of product of $(W: A^2 \rightarrow A)$ where $(W: A^2 \rightarrow A)$ as the product of $(W: A^2 \rightarrow A)$ to the converte $(W: A^2 \rightarrow A)$
with bi-radii give-by val $x = a - 1/3$ (both have flucturess 0). val y = b - 1/3.
Was defined on A2,
tit oxidads naturally to (1)". Q: what does the extension man ?
Can recover the extension for the other tories fibers from their single function.
computed on  (Va. Va.)  let's say cut. part has here at [[a,b].  Then L(c,b) world be equipped of a man-unity  local sys. of  But. also need to impose  (Va.)  (Va.)  But. also need to impose  (Va.)  (Va.)
So, cotice points away from the tringle are not physical.
1 (For Funp - bis vanethes, all contral points lie is
& this procedure always gues a Lovert poly normal.
- FOOD: For any force variety: Wis an analytic further on domain made (1)
given by val ZE Derintener of moment polytope.

little-today, ble besin building blucks are clased polytop, so need to exhaut this by the chart

Robert Harmonly andress Harles part of models spece theres Harles we function.
(Inon-Fano care: Wast a polynomial; dats the radius of convergence is?)
In this example, all isolated entral points.
(there are more interesting examples though)
Floer-theoretic orgin of affinoid rings i
Assume Lis embedded (no discs).  Y(L) ~ H+(L, U.S.) × Hodd=1 (L, 1)  group
The based loop space of L is as group, so
Ha (SZL) 45 a graded algebra.
Consider! Hx (ILL; A) completion with respect to the T-adic topology
i.e., elts. $\sum_{i} \overrightarrow{f}_{i} (\lambda_{i}) = \sum_{i} $
(no length completion have)
(RML: Hx(SZL;ix) = Hx(Cx(SZL;A)) In this rest; the
Z-graded case: space of rout 1 <> H1 (L, 1)
modules over 11x(SZL)
space of modules over ( ) H2 (L; Ha)
the complete (1-) (SU; Ax)
ex: Ho (RLL, N) -> Rep of TI, (L)
Hi(ritx) morodony
1 - 1 1

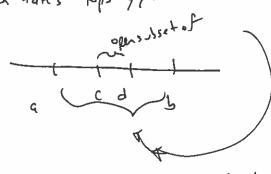
E: Let The, H. (RL; A) = H.(RL, A) Fundas on A(0,0) = [3, -, 2,1] ~ Lowert sery Scizi 12(L, Z)) s.t. lim val c; = + >. Completes of Lovert plynoming Thus, \(\hat{\pi\_{\sigma}}\) = \(\lambda\) = \(\lambda\) \(\sigma^{\frac{1}{2}}\), \(-\lambda\) (ring of fors. on A (0,0) x - ~ Ag (0,0) 142(L,UA)) Similar Story in the The guded ass where Ho(L, Ax) × Hold >1 (L, I) >1 = spee of rank I - 26 models me Hx(57C) complete this => restrict to H2(L, Un) × Hodd >2 (L, A) How does this next? A rail 2 module is an anguer to to Hu(DL) - [54] Huy (DL×5) Huse (L) - hell (RMh: probably shald have get "Aso models, of. "; need higher multiplicate terms have , coming probably from "Cher's itoated integrals").

For S3. H.15253) = A[u] ,deg == 25 Want to see that proking be H3 (53, Az) corresponds to the module  $\Delta_b \cong \Delta / \omega / (\omega - b = 0)$  $u: S^2 \longrightarrow \Sigma S^3$ => S2×52 -> S3 Idegree 1 Gren be H3(53), action of u = multiplication by b. => (53, b[53]) gives the module LLL. Car: The stricture wheat on Y(L) comes from, (little delicate, b/c this) is in govern man commentative) For products of old sphees ( has H. Sil countries), this is the on the rose) (notes ble 52, 53, aregops & 5242 are virtually groups). - Before, we intopreted mo as an assignment of a "consultone" to each b = Y(L) - Interns of Ĥ(SZL), the curvature becomes an element of this ring. This is given by fev] x (β) TE(β) only makes seen after completion.

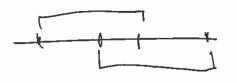
Donains . > Functions & at Java danaing (Zanshi topology).

Tosterd, can use the finer Tate's "G-topology."

I Fale; topology:



helps



statly ste a Gotter brede topology, by god enough.

Robe: marketine or think of the 2s astack of chain / gap action by passing to Hth, we've picked a slice.