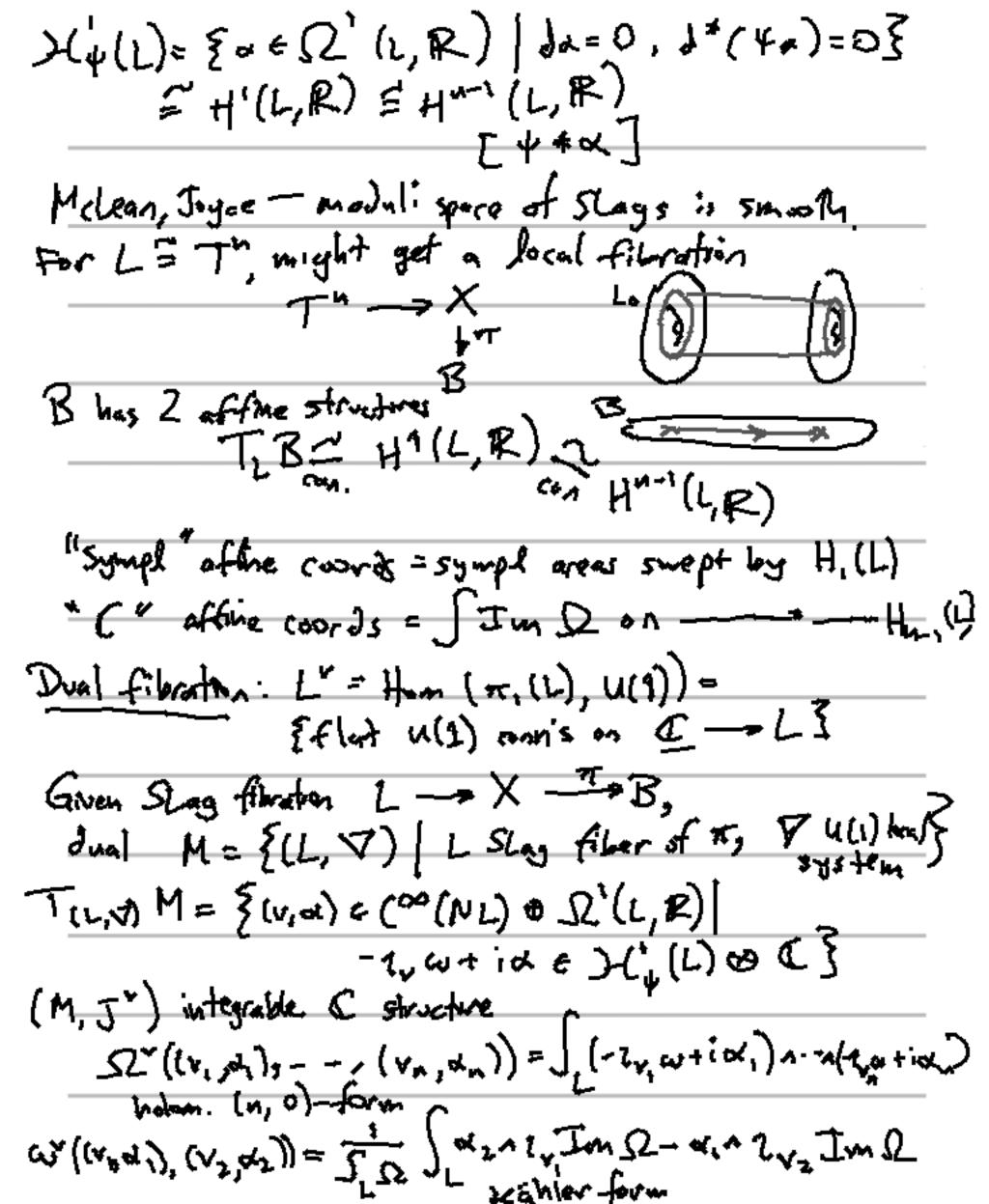
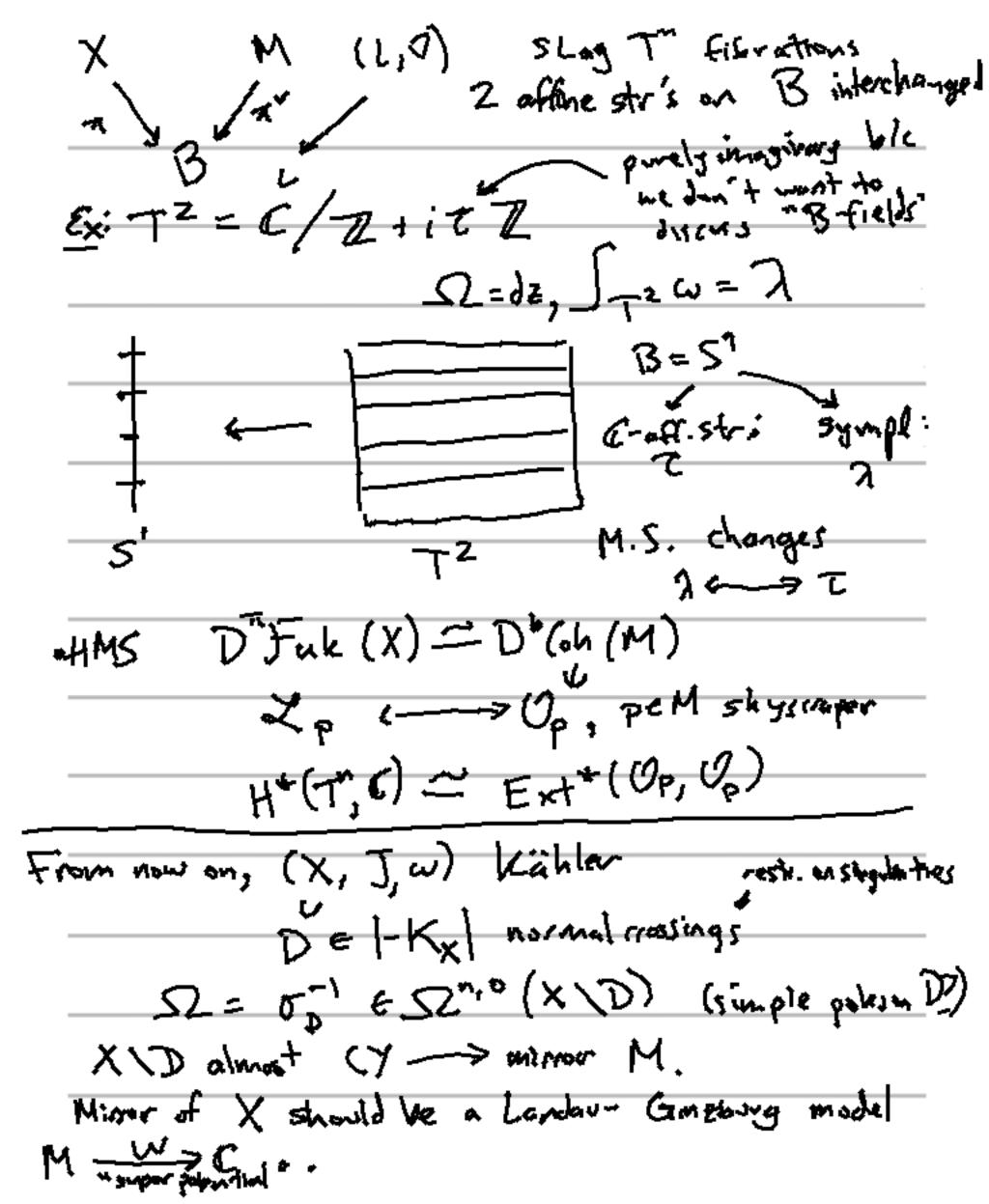
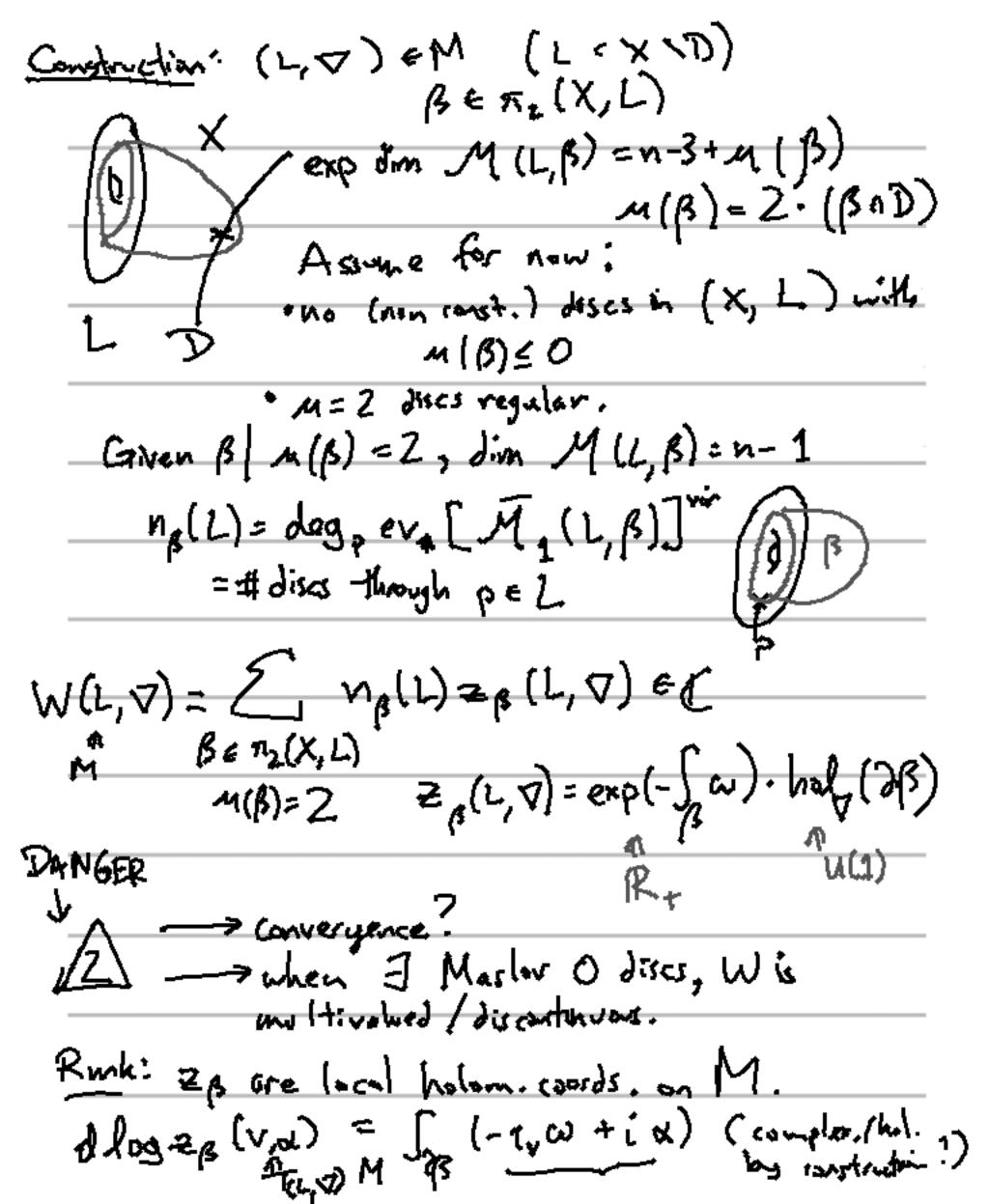
Miami - Auroux I - Slag fibrations in MS
1 Overview of SYZ
-> CT case 7 no instanton corrections
2) Instanton corrections - examples
M' and summed to Grander
Mirror symmetry for pairs (3) Mirrors of blownps
(Abovzaid - Katzarhar in sources)
572 conjecture: X, X muss pair corry dual
coveres steristence not clear - large complex str. limit.
sa instanton corrections.
Def: (x, J, e) Kinhler wfold is (almost) Calabi-Yan
F K = Ox => 3 52 6 52", (X) hol. wolform
(don't require Sila = const.)
(don't require silg=const.) L'ax is special Long. if w = 0, Im Se = 0.
Deformations of 5/29: The Cod (NL) The Cod (NL)
JECOG(NL)
Lyw=0, LyIm2=0
$\alpha = +1, \omega \in (7^{-1}(1.12))$
So, B= 2, Im D = 4. * & & E \(\int_{\inle\int_{\int_{\int_{\int_{\int_{\int_{\int_{\int_{\int_{\int_{\inle\inle\int_{\int_{\int_{\int_{\int_{\int_{\int_{\int_{\int_{\inle\inle\inle\inle\inle\inle\inle\inle
Sin defines: $\psi = \mathcal{L} q$
5 v6 (00(NL) - wwt) Lip (L) 3. where







Example: EP2 or any toric Fano. $\chi = \mathcal{C}P^2$, $D = \{x_0x_1x_2 = 0\}$, for: $c \omega$. X\D= (C*) 2, SL = 1x^dy L=5'(r,)x5'(r2) = ((")2 c & P2 5/ag. Slog fibration T2 -> X \D = (E*)2 Slag B= orbit space 5 ympl. B= int (D) moment polytope C B= R2, Loy map Dualize M = {(41,22) (= log | 2, | + 1)2 L= S'(r,) x S'(rz) no gises in (CM) (Most blanks) M= 2: hit one coord oxis D2(r,) * Ept.] = C2 = (p2 {p+.3 × D2 (rz) 3 families NG= NB= NB= 1 2/3= e-aran(CP') ZB, = Z, , ZB2 = Zz 2p = e-Spa hal (36)) 2, 22

So W = Z, + Zz + e - Area (CP))
This This granetic protie way to construct miner goes back to [Havi, Cho-Oh, Food, _ -]. Hori-Vofa have a way of warpleting this mivor to all st (("), using renormalization flow - mathematully corresponds to enlarging [we] = [w] + ten (x). Fulnya cloimi above expossion only work in manuface case, in man-monotone case, you're losing informations in the enlargement process about, e.g. which singularities are inside the polytope Buhish are outside. (e.g. P2 blown uput a pt.).