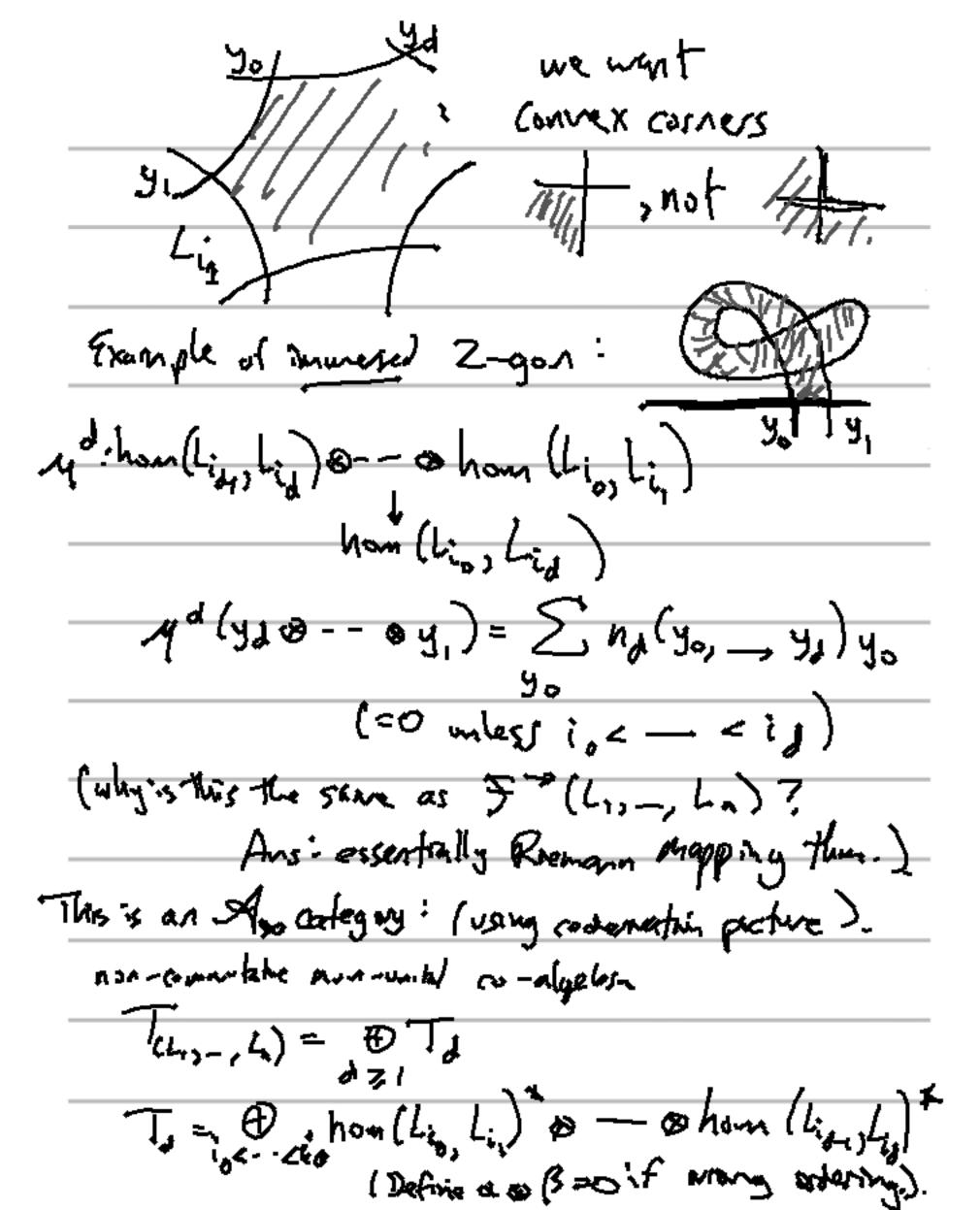
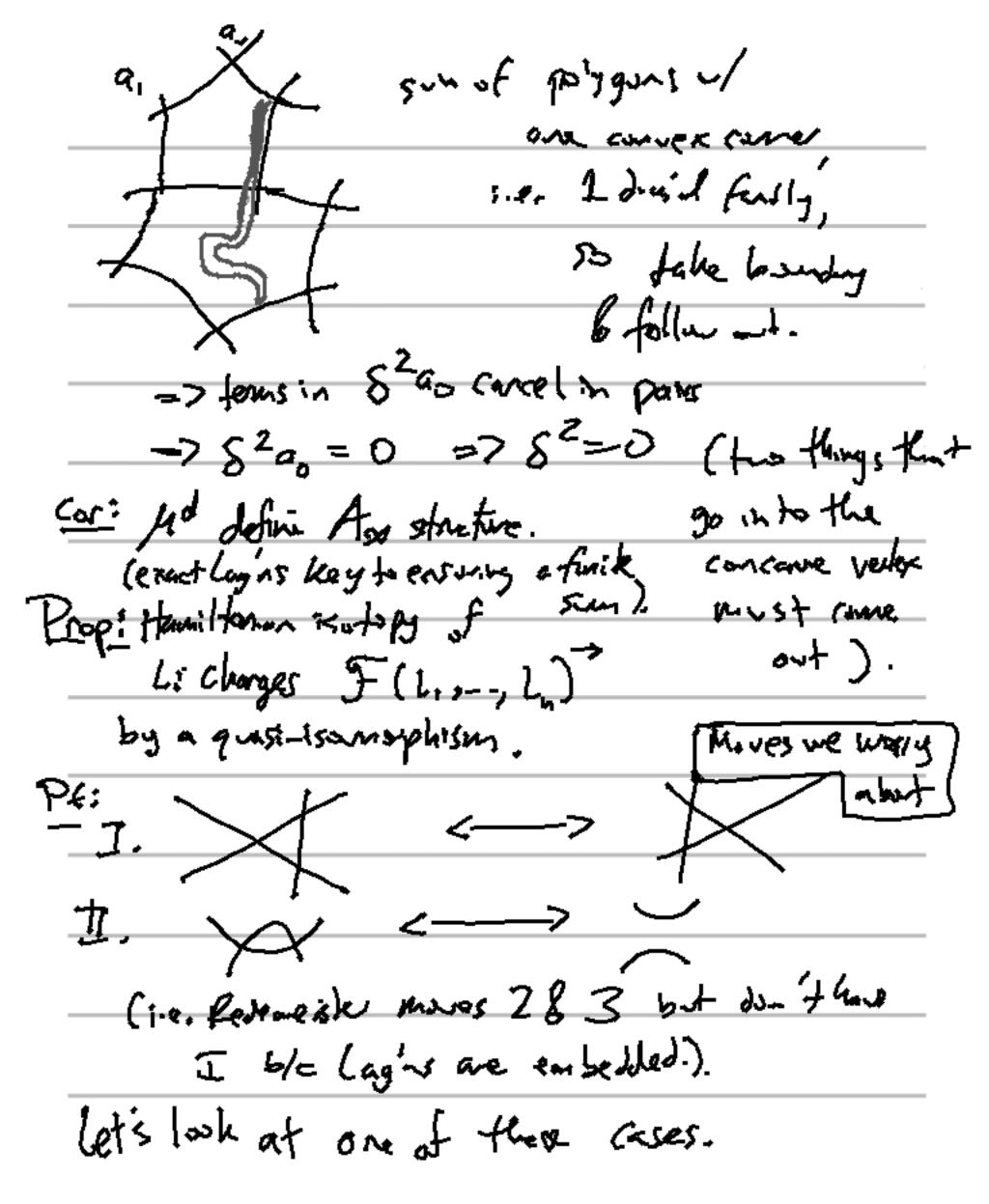
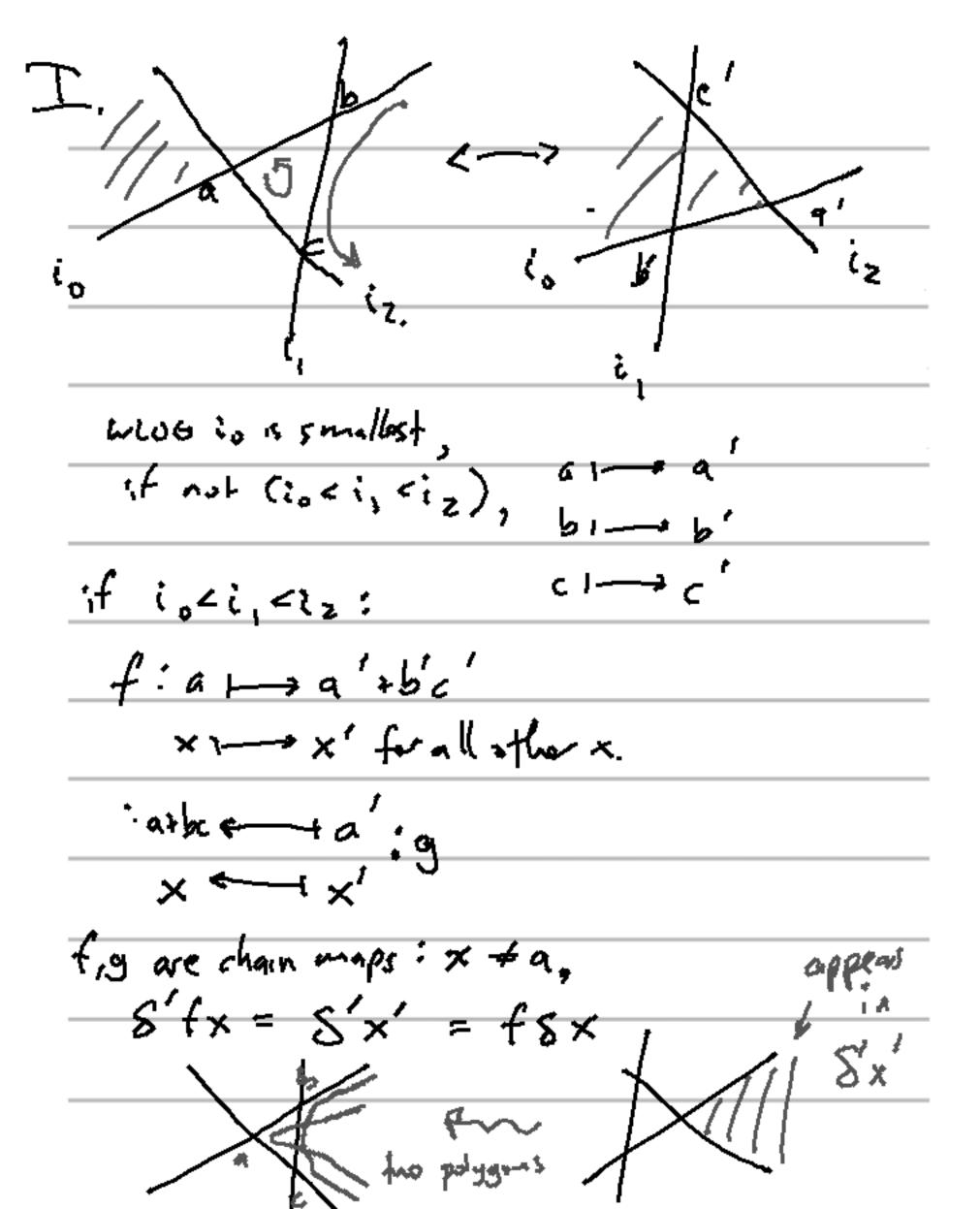
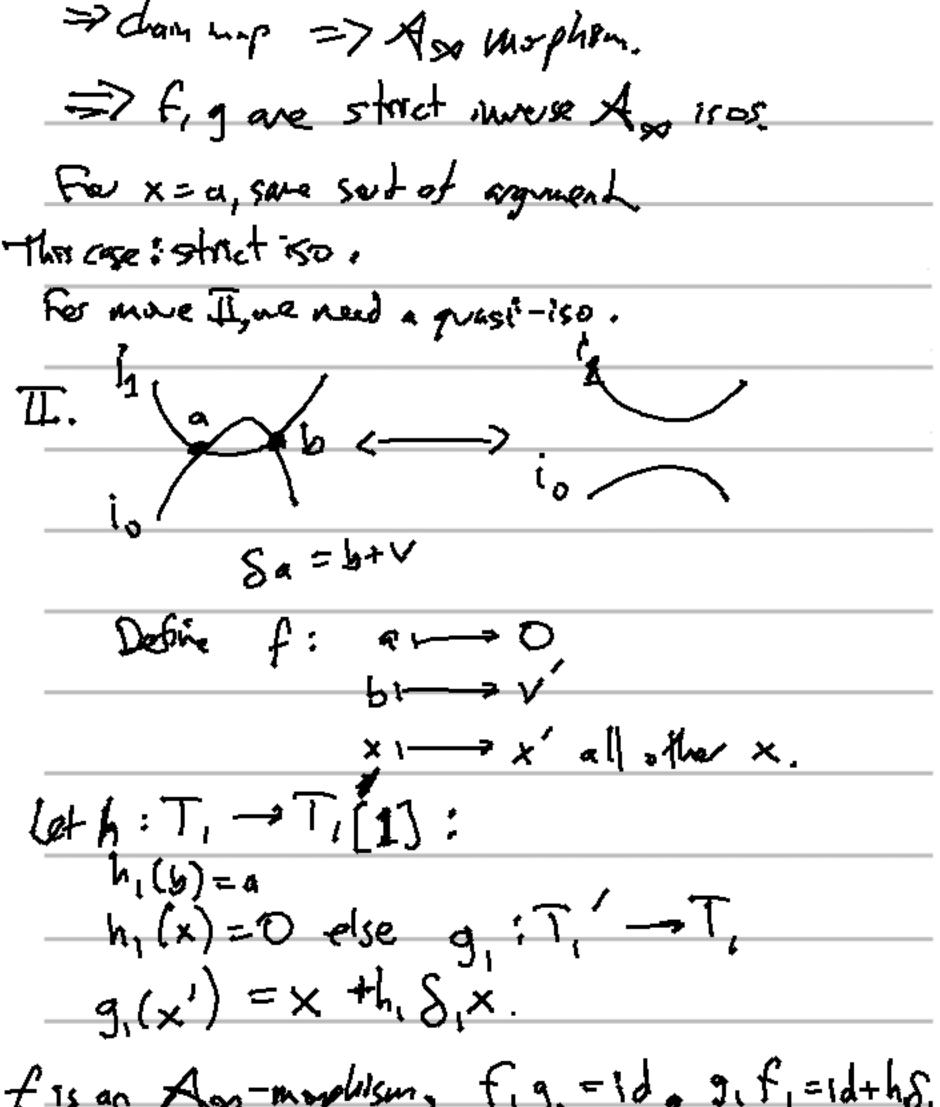
Day 2 Talk 4: Nich S, Combinatorial Februa
Calegories
Setupi: (M, J, w, A) , w=d0. Riemann surface (with boundary)
Riemann Suffice
(m)th partygent)
Definite (Lu-, Ln) be a collection of exect
Lagrangian 5"3 embedded in M.
(Jon) have toward about bubbling, can get (DL=df) (= df)
(>1 in 1).
Exactues => Li not nullhomologous.
F(L1,-, L) over field Ky char K= <-
(lets not worky about gradillays right now).
のb(天)= 差し、そ notion
$Ob^{(\mathcal{F})} = \underbrace{\mathcal{F}_{L; \alpha L_{j}}}_{k \text{ on } (L_{i}, L_{j})} = \underbrace{\mathcal{F}_{k \text{ on } (L_{i}, L_{j})}}_{k \text{ on } (L_{i}, L_{j})} = \underbrace{\mathcal{F}_{k \text{ on } (L_{i}, L_{j})}}_{i > j}$
- i - j
Theren yo Elinaly
Let no (your st) = # : mussed of gons in M like this:
the contract of the state of th



To has a busis
3 a, 8 so as a; EL: 1/2
Z ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
To has a basis \[\begin{align*}
Define 8: T -> T by
5(a0)= = N3(a0,, a3) a1 a3
S(a0) = \(\int \mathre{\gamma_1} \alpha_1 \) \(\alpha_1 \) \(\alpha_2 \) \(\alpha_1 \) \(\alpha_2 \) \(\alpha_2 \) \(\alpha_1 \) \(\alpha_2 \) \(\alpha_2 \) \(\alpha_1 \) \(\alpha_2 \) \(\alpha_2 \) \(\alpha_1 \) \(\alpha_2 \) \(\alpha_2 \) \(\alpha_1 \) \(\alpha_2 \) \(\alpha_2 \) \(\alpha_1 \) \(\alpha_2 \) \(\alpha_2 \) \(\alpha_1 \) \(\alpha_2 \) \(\alpha_2 \) \(\alpha_1 \) \(\alpha_2 \) \(\a
to each polygon like
this: as get a contribution to Sa.
Extend State Thy
leibniz rule.
Prop. 52=0
52 a = 5 5 a, - + ad
2 10 70 75
= 5° 5' 0 5
= 5 5 a, 8a; 84 i Par
= 5 5 a, a; , b, b, a; +, ad
ie. sum of things that look like
1 x . John 91 22. 22 1. 2. 100 100 1000



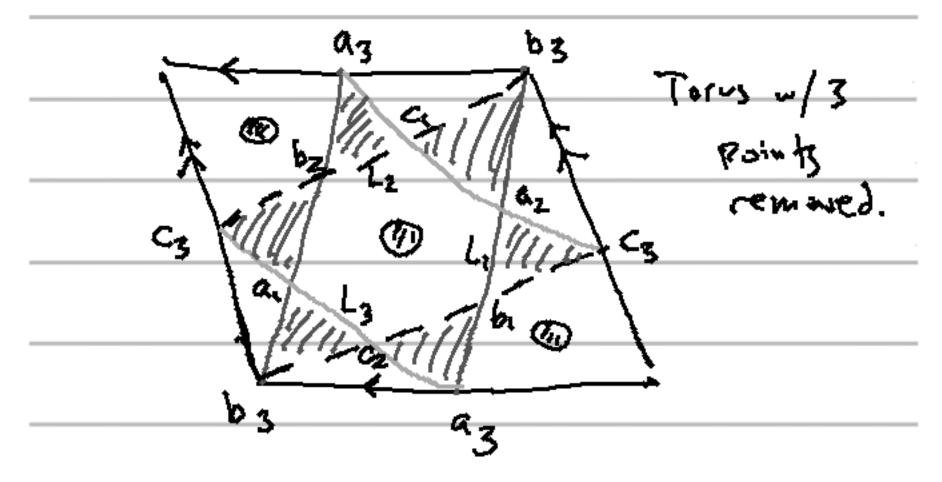




fis an Ass-maphism, fig, = id, gif, = id+hSi + Sih, => By Pertubation Lemma, con exect g to g: T'-> T st.

fig, gof homotopic to id.

Quick Example:



9; by = Eijkck

Get: 4 - V = 2 - L3

V = C3

From Paul: Worning! Just ble F is colon Material
dross + moon Fis!

