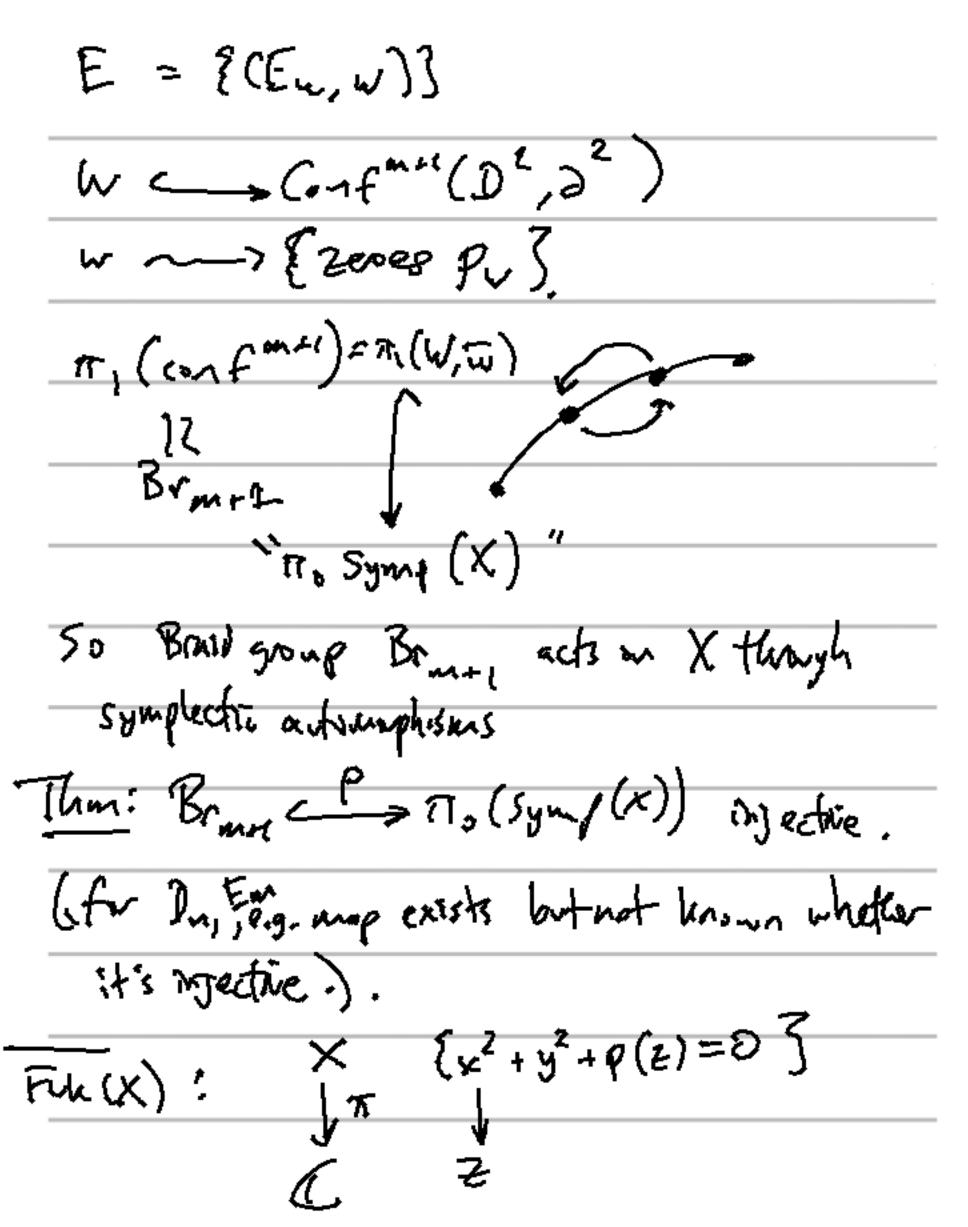
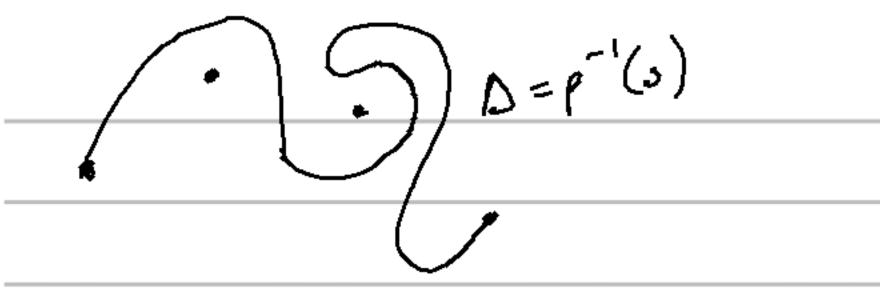
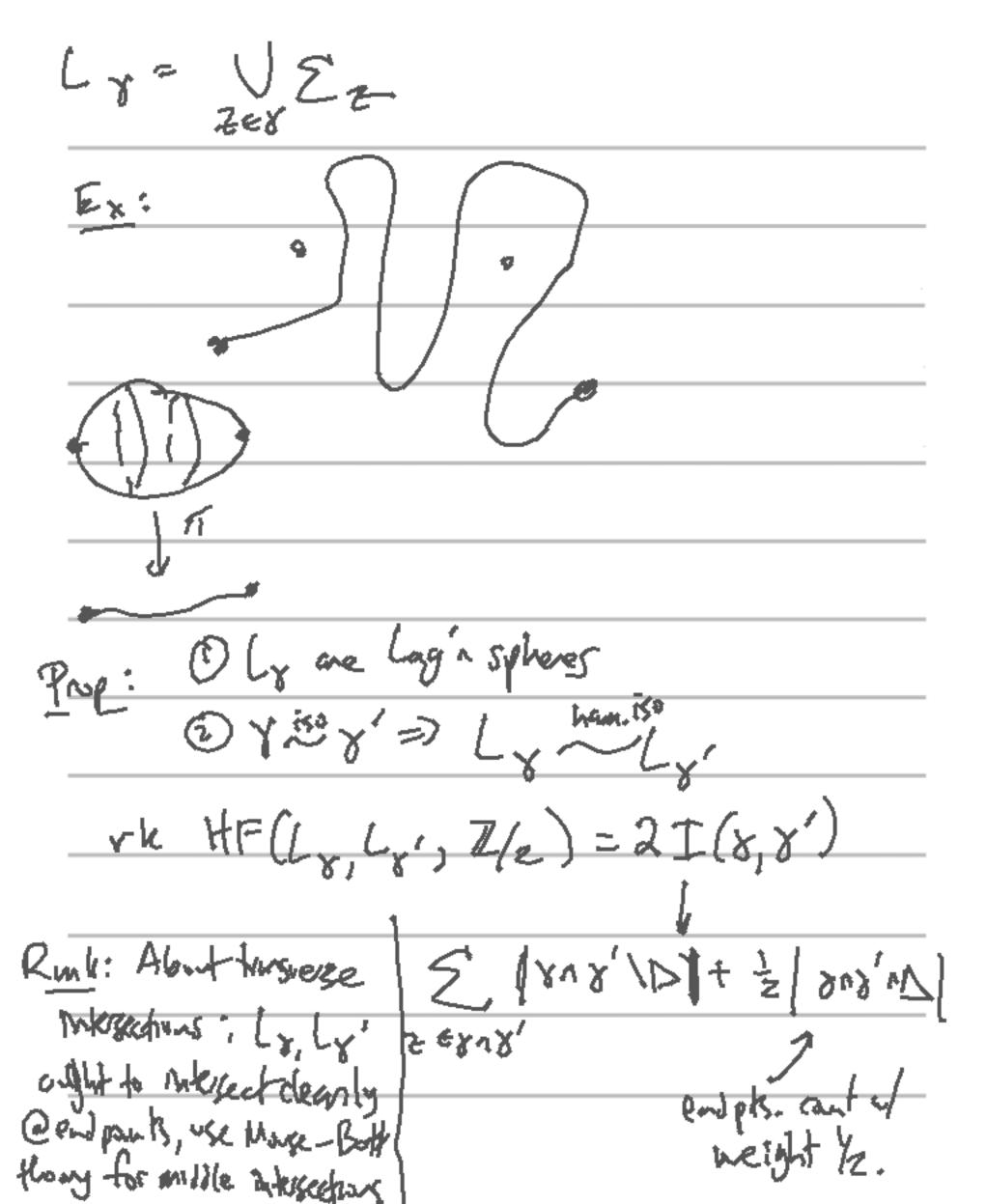
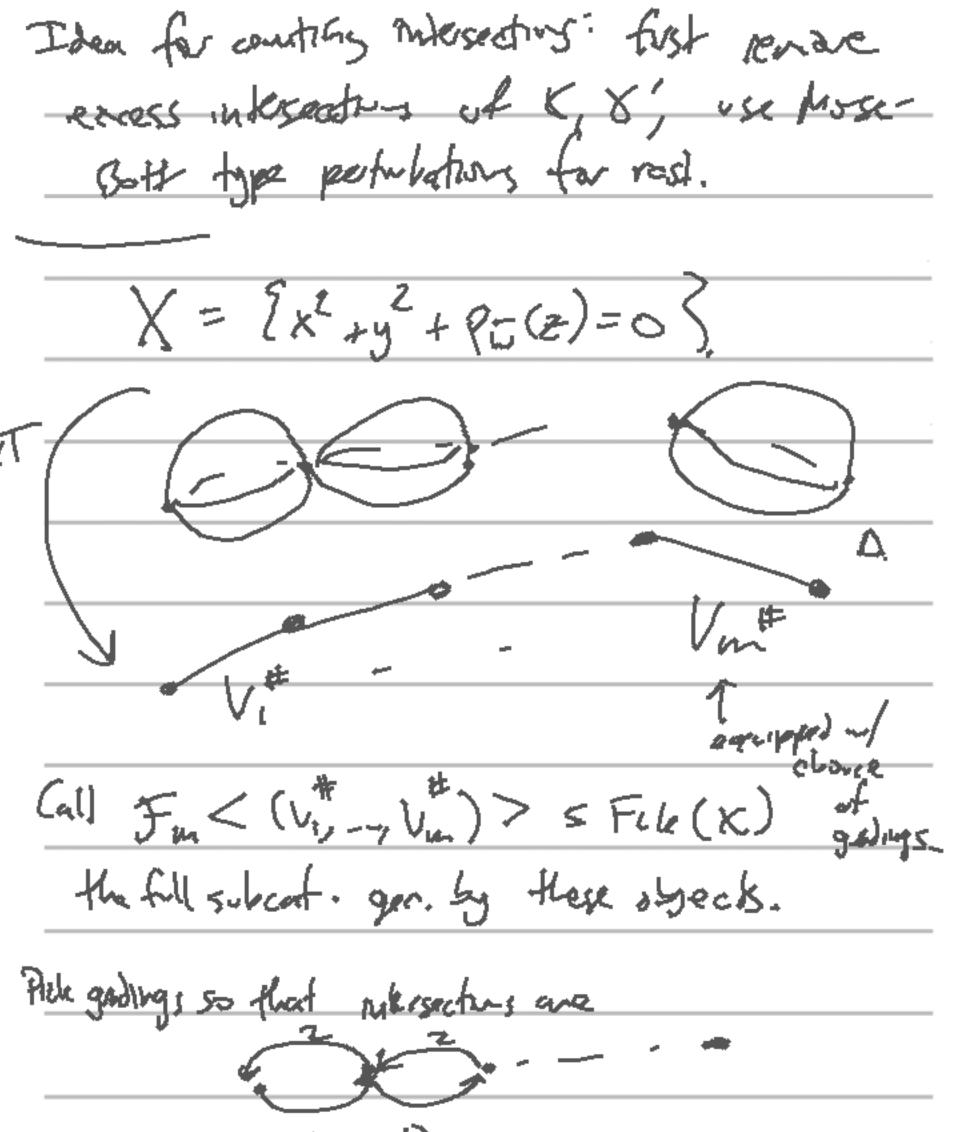
Day 5 Talk 1 - Lino,
An singularities
(dm =2)
= x2+y2+2m1 = 0 m72
1 (2) = 2 m+1 + W 2 m = -1 W.
gu=x2-ty2+pw(z+), w= (w0,,44,) 201/1-
9~=0 Wx3, Ox3
Ci=O, some con grado.
17 rdg = dz, rdz, rdz,
J + W S R 2 (S)
S.f. En smooth We're rectriction to any
E= E(Ew, w) S w s.f. No Republ
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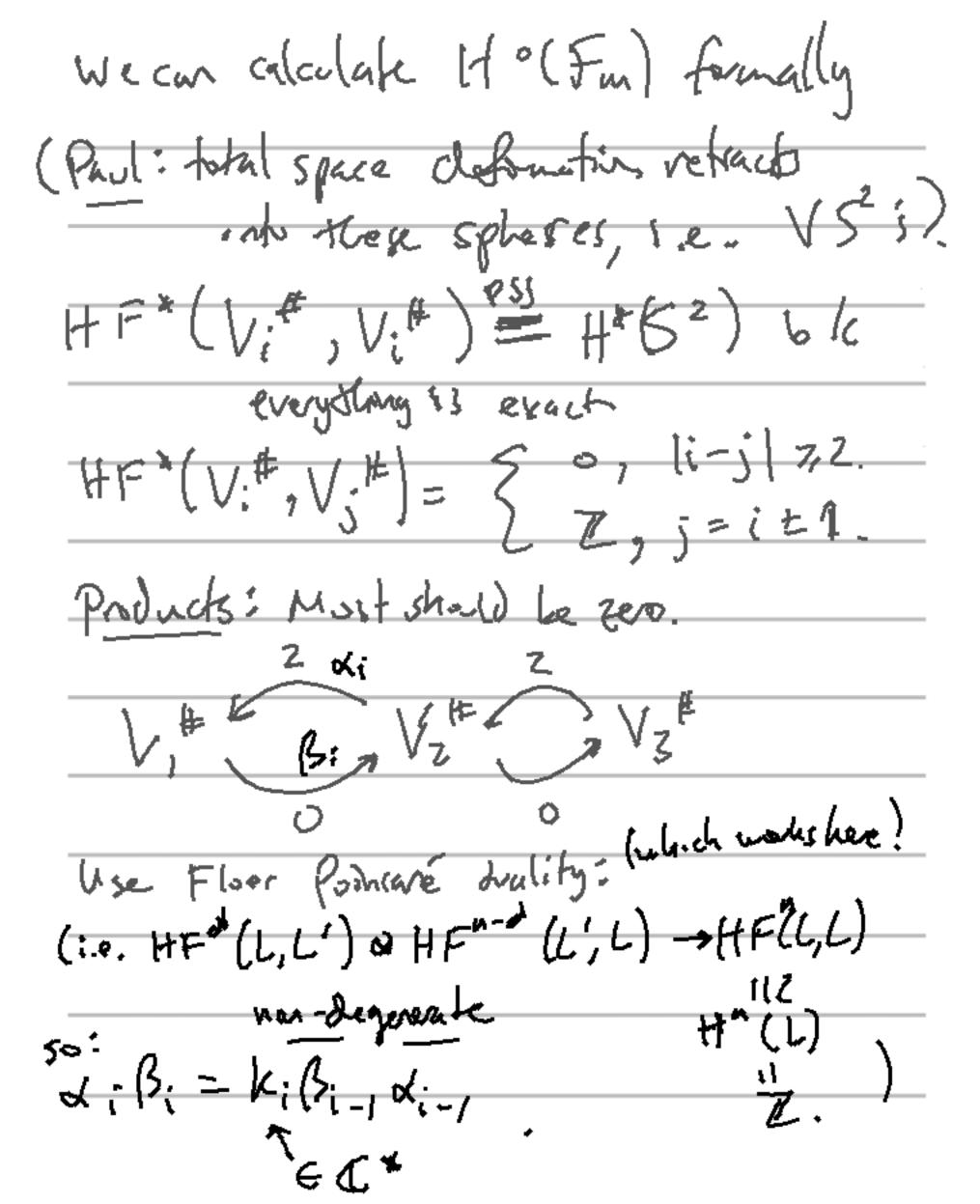


Special cocke et this?

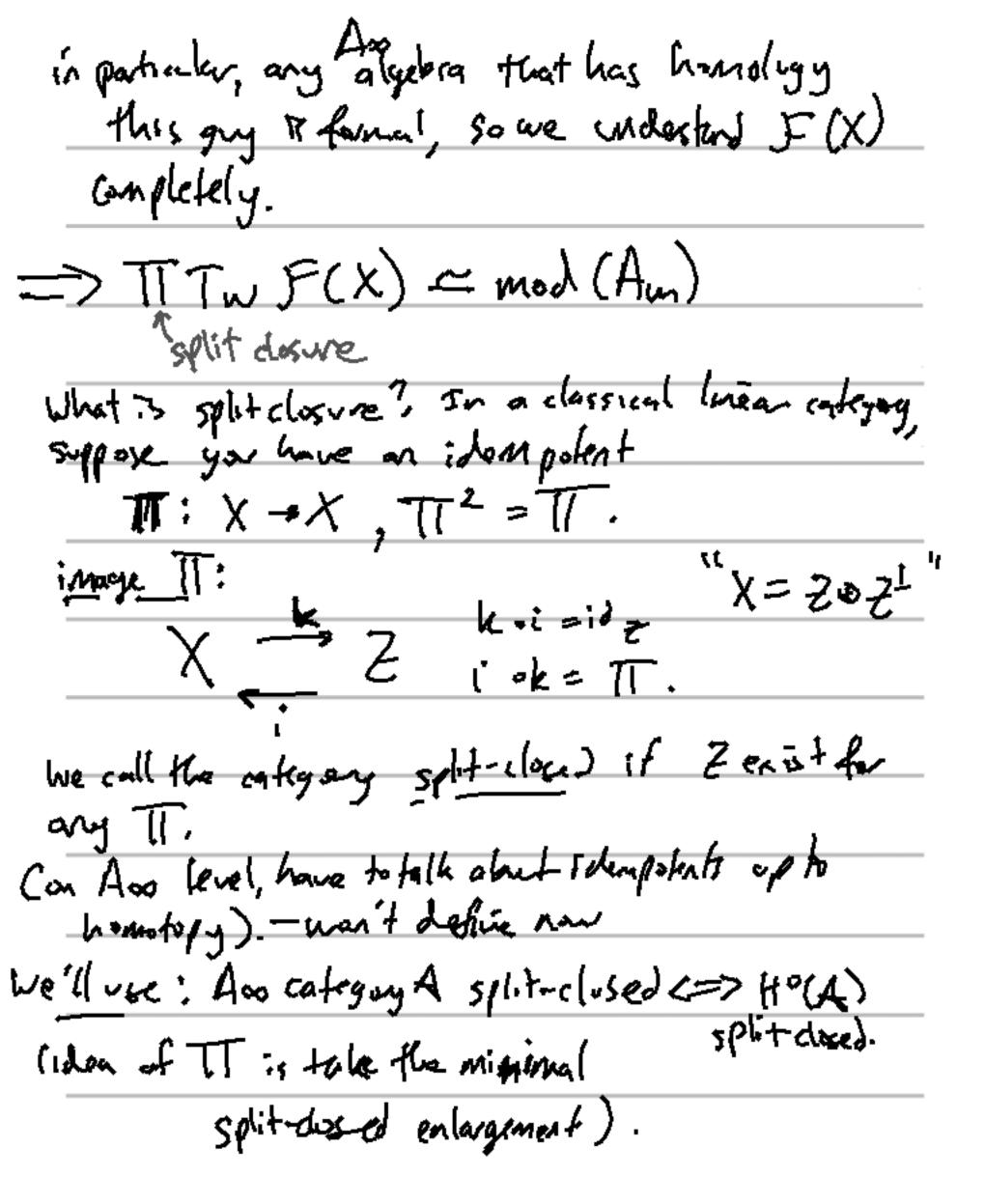




Amchain Spheres



Now multiply generators by some constant so each k: = 1.
Cet Am quiver:
park algebra (ells, are parks, products are
Composing paths).
$\frac{\left(i\left(i+1\right)i+2\right)}{\left(i\left(i-1\right)i-2\right)}=0$
-thank of Amas on algebra over 10 m
puths of layth o correspond to id, paths of length a correspond to intersections, back black colors
correspond to Your (we duality argument.
1) Vitt sprit generale 1) this algebra is individily formal.



"Kapon bi completion" Why so these things split geneate? Related to Tyo (L) = Tyo (L) We use the following algebraic theorem: If you neve a family of spherical objects Yi, s.t. VX, Ty, Ty Tym (X) = X[o] Hen Y, -, Ym Split generate. So have to compute "global unanadrusy" of the fibration. In general, not schertly. To this case, if \$\phi = T_{V_1} - T_{V_m} = \frac{1}{2} \text{ for L spin SK.} Cones from fact that ong. poly was weighted Usangeness.	A C-> TT A
Why so these things split general? Related to Type (L) = Type (L) We use the following algebraic thoroun: If you nove a family of spherical objects Y: , s.t. Y X, Ty Tym (X) = X[o] then Y:, -, You split generate. So have to compute "global unanodousy" of the fibration. In general, not identity. In this case, if \$\phi = T_{V_1} - T_{V_m} \int \frac{1}{2} \text{for L cpct. Lag'a SK.}	MINIMAL Split -closed Kintegory curtaining A
Why so these things split general? Related to Type (L) = Type (L) We use the following algebraic thoroun: If you nove a family of spherical objects Y: , s.t. Y X, Ty Tym (X) = X[o] then Y:, -, You split generate. So have to compute "global unanodousy" of the fibration. In general, not identity. In this case, if \$\phi = T_{V_1} - T_{V_m} \int \frac{1}{2} \text{for L cpct. Lag'a SK.}	"Kapodi completion"
we use the following elyctroic theorem: If you nove a family of spherical objects Yi, s.t. Y X 7 [Y Tym(X) = X[o] Her Y 1, -, You split generate. So have to compute "global manadrumy" of the fibration. In general, not solvety. In this case, if $\phi = T_{V_1} - T_{V_{M_2}} = 0$ $\phi = T_{V_1} - T_{V_1} = 0$ $\phi = T_{V_1} - T$	Why so these things split generate?
we use the following elyctroic theorem: If you nove a family of spherical objects Yi, s.t. Y X 7 [Y Tym(X) = X[o] Her Y 1, -, You split generate. So have to compute "global manadrumy" of the fibration. In general, not solvety. In this case, if $\phi = T_{V_1} - T_{V_{M_2}} = 0$ $\phi = T_{V_1} - T_{V_1} = 0$ $\phi = T_{V_1} - T$	Related to Type (L) = Type (L)
Here Y 1, -, You split generate. So have to compute "global manadrucy" of the fibration. In general, not identity. In this case, if $ \phi = T_{V_1} - T_{V_{M_1}} \int_{0}^{M_1} \phi = T_{V_1} - T_{V_{M_2}} \int_{0}^{M_1} \phi = T_{V_1} - T_{V_1} \int_{0}^{M_1} \phi = T_{V_$	• • • • • • • • • • • • • • • • • • •
Here Y 1, -, You split generate. So have to compute "global manadrucy" of the fibration. In general, not identity. In this case, if $ \phi = T_{V_1} - T_{V_{M_1}} \int_{0}^{M_1} \phi = T_{V_1} - T_{V_{M_2}} \int_{0}^{M_1} \phi = T_{V_1} - T_{V_1} \int_{0}^{M_1} \phi = T_{V_$	nove a family of spherical objects Yi, s.t.
So have to compute "global mandring" of the fibration. In queral, not identify. In this case, if $ \phi = T_{V_1} - T_{V_m} + 0 $ $ \phi^{2m+2}(L) = L [o] for L cpct. Lag'n SK. $	$\forall x, T_y - T_y(x) = \chi(\sigma)$
So have to compute "global mandring" of the fibration. In queral, not identify. In this case, if $ \phi = T_{V_1} - T_{V_m} + 0 $ $ \phi^{2m+2}(L) = L [o] for L cpct. Lag'n SK. $	then Yij-, Ym split generate. 9 #0,
In this case, if $ \phi = T_{V_1} - T_{V_m} + 0 $ $ \phi^{2m+2}(L) = L [-1] \text{ for } L \text{ cpct. } Lag'n \leq K. $	So have to compute "global mandring" of the
φ = Tv, Tvm, = +0 φ ^{2m+2} (L) = [[-] for L cpct- Long'n SK.	
\$ 2m+2 (L) = [[o] for L God. Log'n SK.	•
\$ 2m+2 (L) = [[o] for L God. Log'n SK.	$\phi = \tau_{v_1} - \tau_{v_m}, \tau_{+0}$
cones from fact that ong. poly was weighted Usungerass.	φ2m+2(L) = 1 [-1 for L cpct- Log' ~ SK.
	conesoform fact that ong. poly was weighted brangeness.

