C CM curve < X C \ length(7) (of ording)

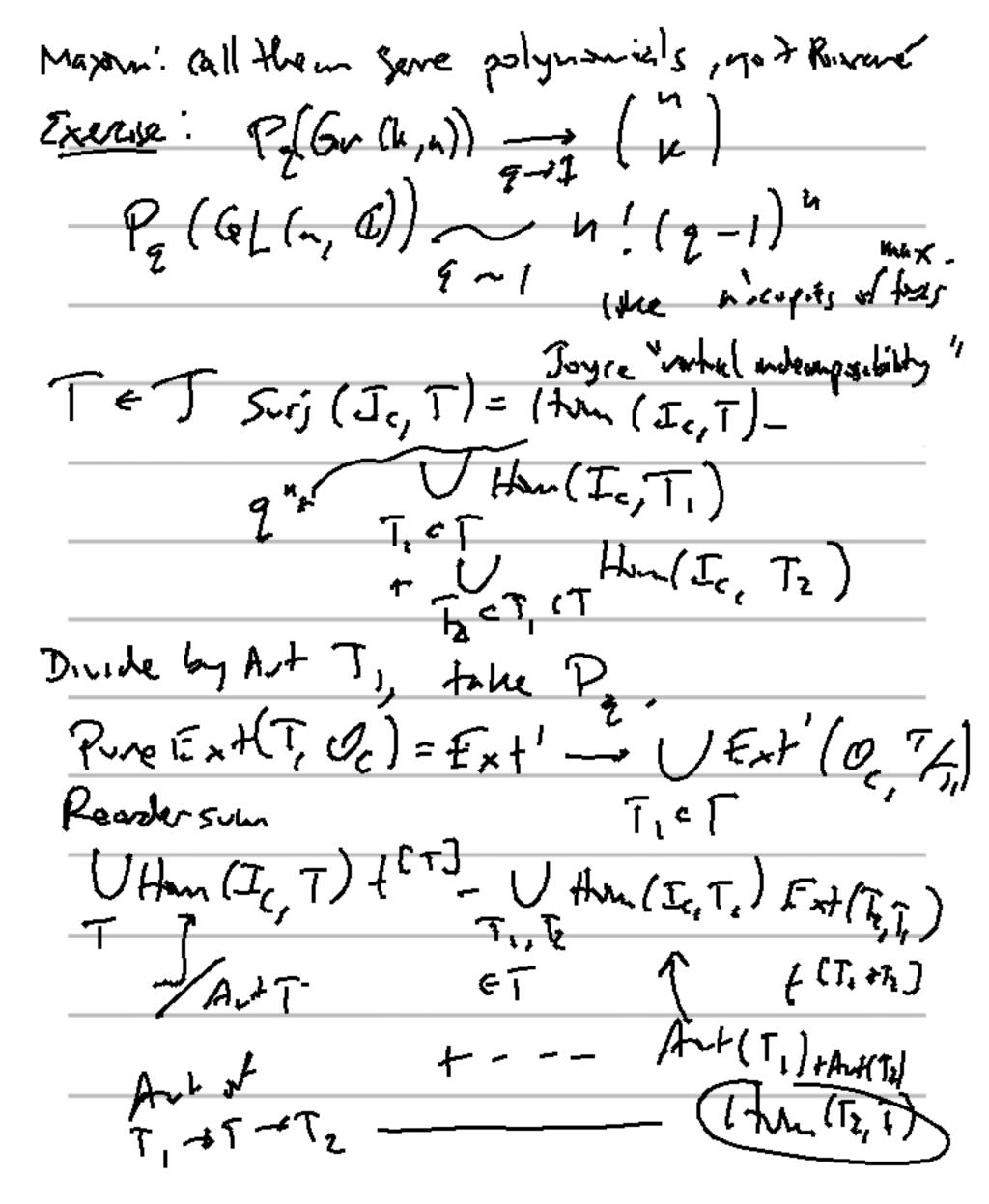
To-dim Sheaf Miami '09: Thomas III e (Sus (Ic, T) ANT) & montres of e(Puetet (T, Oc)/Aut T) f(T) L MOP (The death factor think
gustient of T. $\frac{\mathcal{I}\mathcal{I}=2}{\mathcal{O}_{p}\oplus\mathcal{O}_{q}} \quad \mathcal{H}_{om}\left(\mathcal{I}_{c},\mathcal{O}_{p}\oplus\mathcal{O}_{q}\right) - \mathcal{H}_{va}(\mathcal{I}_{c},\mathcal{O}_{p}) \\ -\mathcal{H}_{va}(\mathcal{I}_{c},\mathcal{O}_{q}) + \mathcal{I}_{v}\right)$ Aut Op @ Og How (Ic, Op) x How (Ic, Of) = P(1/hup) x P(hup) Suchly, pars -> epeg Op O Op Hom (Ic, Cp) O2- 1k 1 Hans

And (Op dop) - 6(C)

Gr (2, 1thm (Ic, cop))

e = (he)

2 000 Pairs $e = \begin{pmatrix} 4 \\ 2 \end{pmatrix}$ (92 Ham (I () - Ham (I, m)) - Hom (I, m) e= hzp-hmp Pave ezp-ep-Mintegrite we all I of Ch 2. e(Hibx) S. I zc - Pz, = P, e(x), 1 e (Hilb X) e(x/G) + e(x)/e(G), ro good of e(G)= (Ise virtal Paracaré palgnamals)
- ("- Es) got - 1 P" - C" - Esj = 9 +2-17-1



Good ble get gext (Tz, Ti)-how (Tz, Ti)
ext (TuTi) CONUST RR, SD; Same as 9 +-Hall algebra Rengel, Joyce, Toen, KS, Bridgeland, Toda, Naga D .-1- * 1- = [Extering [-17-7] A + B - J = J A + B - J = J

Suij (Ic,1) * 15 - ") is sweether I. - (in \$) followed by extension 0-short (d rx 1.42 (x/x)