Direisin:

Son over bomps:

dim (H)

= di (H) + di (H)

(Bradelli diagram?)

(ede geniby:

Responsor:

and how (U__)

Parabolic restriction

densor is

parabolic induction

Beliefs on young dingrams Use internal hom when in noctrue of tensor products Scolinit External Hom(a,b)= So Hom (POX, Z) = Hom (P, hom(x, Z)) adjoints R= Hom(X,-) L= -@X

Cherk this:
Internal hom function
preserves colinits so we
just look at irress, ie Young
diagrams.
Look at hom (A, B)

Look at hom (A,B)

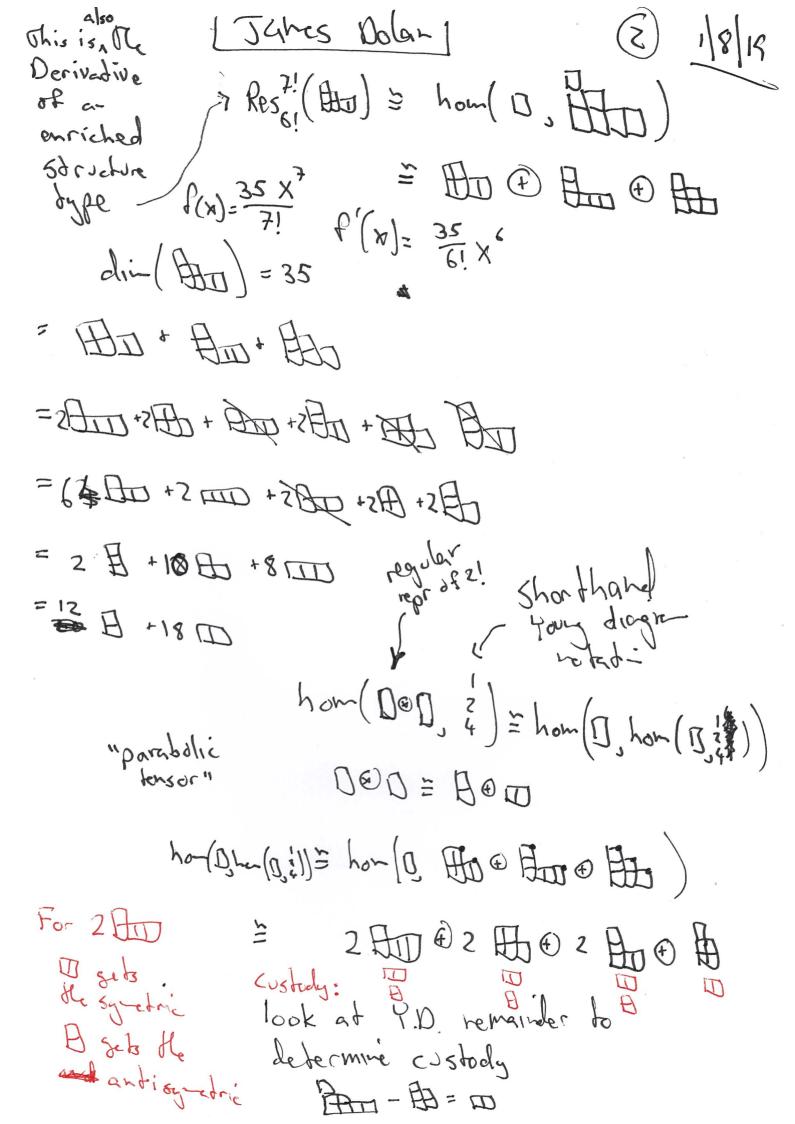
with

A has zero bosees

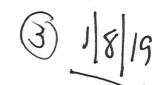
hom (I,B)

> hom (I,B)

how (D@JJB) = how (J,B)



James Dolan



MAKAN BOLDEN

reminder: we mant to believe that

For set based
structure types

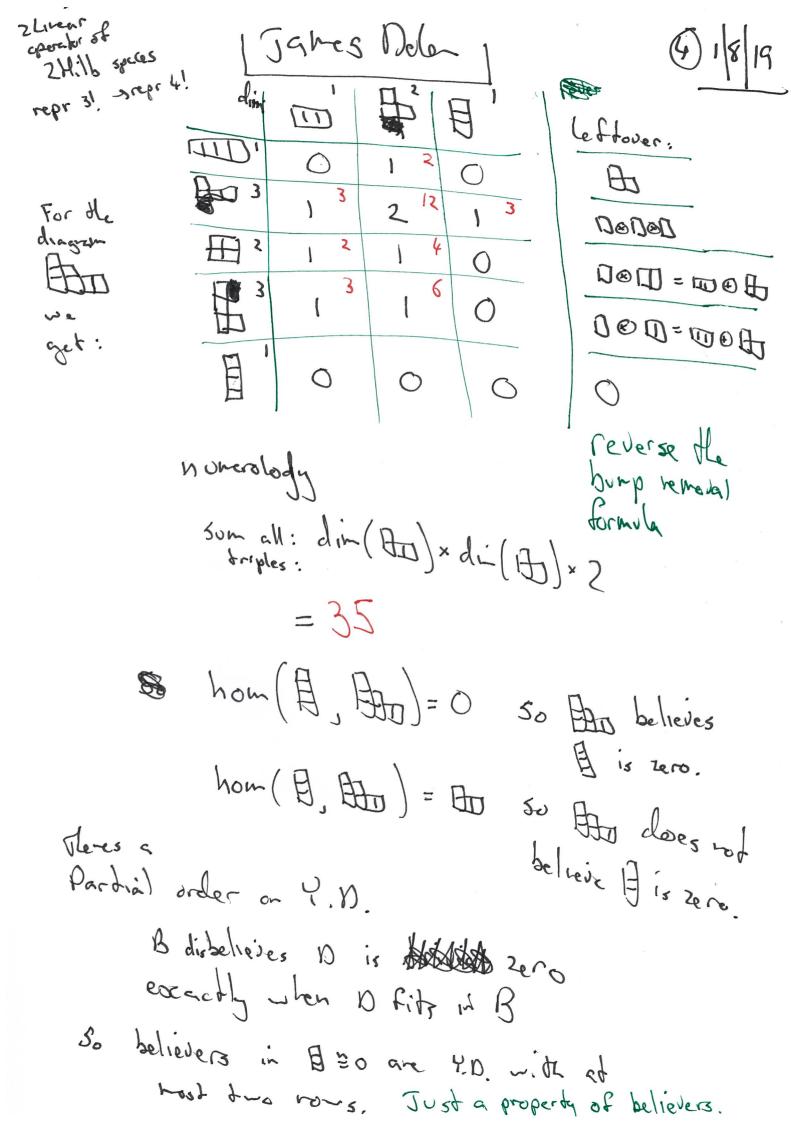
in do tal order ants reproful

Dégises regular reprofin!

Je3 = A & 2 A & III

hom(no3, AD) = L(A, AD)

⊕ L (B, Bb) & B



Tames Dolan 1 Arbidrary believer will be a sur of irreducible believers. Tensor of two believers may require "religious conversion" Indernal how of believes « He left is a beliefer. adjoint to the forgeth) (believing 100 =0 and functur. super representats) EL(2) as a com Hopf alg over C (Just Kill He icubo - it Jest Constant

ie. affire algebraic group repros of GL(2) are the algebraic variety of invertible 2x2 metrices

A: (4) B: (4)

relators:

AB=I BA=I.

Conjecture: the believer category is reprosed monoid of all Zzz metrices
not just invertibles