Segal	
	7

Rfation-Gassnonian correspondice

Two CY 3-folds X, Y

Some Hodge #'s, so have same mirrors (quess).
Witing Picard-Fichs eggs, thy were equal (closed string MS)

y Suyle conjust PF famly

So X.Y connected by some variation of Right st.

1e, DbGh(X) = DbGh(Y) (B bases eque)

I tems at I be the! 2008
The Boosov, Caldann, Kurnetson)

But X, Y NOT Directional

Xcflpy ? D equalt But not bratial, so could be flapped

Physics breakthyla shows move:
Hori-Tang: Whole family of OFTs from Zmell on X to "" " Y. a "Köhlu"
garged triew 2 model, non-abelian gaze gp.
Reintspretal mathen, by Addrytan-Danovar-S. , new protest of of equishee
Hori again: I dealites the non-ab gaged lieu I midels explaining this Pfill-Gross conseprence and others Instances of howleyed projecter delity (APD)
Pfathier Vinetes + HPD
For V vec spay 121* > Formed and = 2q 7 = Pfq 2 forms bixed upon and core
projection. Pfy CP(N2V2)
Vous contar when rentes doe, NOT complete intercection.
Projector dul is another Ptoth: Pts CP(N2V), and 25+29=(dm V (dm Veu) dm V-1 (Vodd)

HPD SIMMY! Fix hew due 506 spare = LI CVSV cut varely up shoes, Pfs ~ PL Pfq nPL ong consign Db(PfsnPL+) Do (Pfg nPL) Three should be approx equal: admiss subcat, and Really, are enhals to other 91 complet is "boomy" Leticlutz hyperplane style. Chally contain common intiretty piece,) Ag sugler, so replace of non-comm resolutions

NCCR - noncomm Crepat results (Shever of algebras on vary)

Poved & g=1, dmV = 7

· NrG Pfz = Cr (2,V).

· Cue dul=7 13 the X,Y from Legnining.

Hor duly: GLSM- Le 5p G acy on Mcspale.

Given Co symp vec sp dm G22,

Ham (V.W) ->>> Pfq 012/24

and Thumalson is resulted Plan

Dud modd: Symp vec sp. 29+25=dm V-1

Sp(S) (Stom (SV) ×12 a) Sp(s)-1AV Am W.

hmb, w/spcs) = Pfsc 12V

B Save Calegry not how truttes X = mid = X = stax Db(X) but on (to live)/sp (k) to big. Peall Splat ups a Young day of ht & g = Edip 9m1cgg Br ([Hom [V, W)/spion]) Thim Br ([Hom(S, W)/spis)] M2V, W) lules the Kesel delity of award as < 5(4)0, y ≤ 5> a vecbel give 12V Supp on Young day Y, Rehuye 2. 60 [Han (V,W)/5,(Q)]

This gives W Rahye 2, hence Z-graded.