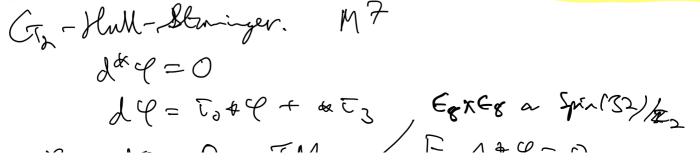
4 dim (4 calibrated by *4 (+ASD V(1)-cometim)

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Theme 1: Special holoromy spaces with singularities - [metric should slow up a we approach Groves] (a) Continct compact special holowory spices with conical (codin 7) nings, endeddid in codin 4 calibrated cycle nith mys transerse ti N (M , q) $\frac{1}{C^2} + \frac{1}{C^2}$ (6) Understand/charify/court out local models ; e. noncompart, completent 20? (7. setting: Joyce - Kangiumpio, Fondo-Hading -Nadation 3 Nodotin compost Giz space with coden 7 A anviatur 5 (M², 4) mp, come C(S³×S³) Go alifad Connerse to A wehave C2/II We can resolve to get most compact (2 groce if I havain 2 - from & on A with no zero. Both of these continutions are related to constraine Konder - Lepschetz filmations, $\sim \sim \pi DSI$

(a) An ine: M= 2nos done by L. Anderon etd. no Kähler potential en ex Ez - modeli space for T7/P & related to T7/ moth Ga (b) dink to distinctions to eniderer of moth they appres, "e zeros of harmonie I -form it. There i lyange beary by have conduction. (a) Contouts branch and "resolution" of hunes, Eq. separaty configs of n hunes (5) sliggs bound and " moolig/dfountin" of lannes (c) SW-bear models and intersecting branes. Q: Zo bere a relation to foyce-Madstim croming of associative 3-fild? A5 AL AL À, f $\mathcal{A}_{\mathbf{t}}$ F < Oて>0



$$dq = t_0 + q + \pi \alpha t_3$$

$$C_{nvection} \quad Q \text{ on TM} \qquad F_0 \land 4 q = 0$$

$$C_{nvection} \quad A \text{ on } E^{\ast} \qquad F_A \land 4 q = 0$$

$$H = c_0 \tau_0 q + c_1 \tau_3$$

$$= dH = \frac{1}{7} t_r \left(F_0^3 - F_A^2\right)$$

$$C(C R^2) \quad hus isometry \quad gmp \quad Sp(2)$$

$$H^2$$

$$H^{-1}/U(1)$$