

[Fing] Ess polyhble sift I a heration wetric on F S.L Ag (P) = O Id P = SZVPV + S [Ta/Ta], reg, with polar decapsestive (vailey part) General setup: (X, J, w'') SP(V)

KU cpct. grap rets by kähler konetner

(doesn't presence w)

F: X => K monest up. This ( Kaupt - Ness)
algebraic goods
The GIT gronet 54pl. quotet \$\overline{1}^{-1}(\dots)/k XPS/G polyshile tep. Infinite - diversion analyses The (Dunuldson-Uhlenbedy-Yes): Polystable bundles on y? = 1:1 > 5 Herrithan Young -4:7/s }

You leadler markele ("polystable bolls" 2 > then which contains a HYM represent tel. => 7 ( kähler mefaic on polystable bundles. to goodse : get B model rese of Duy: replace bundles and complexes of bundles (plexes of tour ster) HTM ~) defined HYMegh. Big injecture : (Ya., Thomas, Kontsend, Since --) (X, w) syp. marifeld, say put of bible st. (X, U, I).

I hal volve form, le 3 & should stucture on FERO CETER(X, a) s.t. Co = {L'=X s.t. org Il = 0}

Ful (x, w) is defined / O((tR)) non-Arch. foold.
Choosing a lagin L representing an Arbonne (17 => choosing a radio on L,
Guer E a K-linear rategory  A rategory of metrics of Eo  Met(E) > e  EE3 -> e
Over C, examples, C=Repla) = representatives of Heinstean motorics.
Over C, examples; C=Repla, C= representatives of Hermitian motorics.  Over K non-archimedon: O K S K, residue field k.
Destares so any coteges of an equalece to so KEE.
Setup: e/k, e/ok, ep = eok.
and given a stability condition on Csp.
Def: A netweet about $E \in C^{\circ}: O + harmonic if E o k is polystable of phase O of the Cop.  "Baby cotegeral Duy,"  Imn: (Haiker-kettades - kostsand - Pandit): Garentle setup I a stability structure on C (queric)$
such that DE EECPS if and only if I a madritude
E'E & L => E, such that E's harmine.  Finite discound context?  Flow: -grad   D   2  Fixed points: "harmonic representatives."  "sens classical Lagrans":  November ap   D   2  V: G/L -> R = spec of enfire" (ex. G=GL, L= ships  V: G/L -> R = spec of enfire" (ex. G=GL, L= ships)  V: G/L -> Log ligx(12   ord V= I-'(o))

so-dril angle YM Fra in connections, best from in notices. HTH - maredias YM-fuctional, "secondary characteristic desses" (degorial fracush: Della flor on a the , pice Met (E) 6) no Met(E) -> IR >0 My F Mass (3) Z: Ko(E) -> C M > 12) BPS Mequality (4) ST: 0660 -> ( plusisubhanon.c (=) kähler pokertiel! A-model: A netrization is a choice of L representing How. Isstepy class (determine spect of (°3) Tangert space + Aan sistery cliss of L = space of 2 - fins of. · Flow in L = 2 Arg Soll. 10 Miss: 5 12r o 2: 5 sz ·25 (21) = JfD Quines: P= --M., = - - Fr(P) = Tr(-) certal chang = -S(h., h) log det(H), & whee H= h, h, ?