Miani 109 - Kontserich I Physics of well-norsing formulas. X epct CY 3-RU Mx moduli of C-stretomes. uc- Mx ~ 1 = H3(X, Z) = Z 9+hore. N=2

Stirting theory
or asymptoticity flat space time. at an R3,1 NE(2,2)

or asymptoticity flat space time. at an R3,1 NE(2,2) depends on Mx UXMX, storis complete, constant). Scattory Kony Hilbert Space Bureauce grap patribs -rep. of M= DHY BPS inequality Mass (charge y) > 15 X Trace (cyperson in Ungerpoince) = "mundet of Du (Y & Z

Shu(x) change at WMS: If Fxy 8z & 17, x, +8z =8 3. 1. Sp. 23.0 / Jy 23.0 Deart-Marc townly Y / 1 / 1 / 2 / 2 8. ppm. 4.4. DD(x)==<x, 82 (x) D(x) <u>drook</u>: ε: [7-++] ε(8,+8) = (-1)<8,8> Traction of (", (")= ((x)29 F(Y,) E(Y)

mananial X8. This is franchis:

Chush on angle sector N = [1-8(8) x8] x8, 817 x81

Chush on angle sector N = [1, 2180].

~ > A = 11/8 / 8 (8) Areive Dings not change whom we will the point cross DV. SZu(8) = "reanting" of stable ubstress in File(X)

with stability condition deformand by

(-structure on X with ches In semiclessial land # of special lay a unfolds Proporties of SZ. (8): m (8) or = mension (egg)

m (8) or) = mension (egg)

mass we per to ele Dually for uh. (2) sylort property: = 11x 23,0] Frangus Mx 3 10 m 17 00 1R JX D300 2 TXIR 5.1. # _Q_(x) #O -> X LOSSO $\|\chi\|_{u} \leq m(\chi, u).$ Figgs we know ly (8) V8. WCF -> All is determined by

(8)

22 attack point. C. &c (3)

Re [7] 25 ac 7 (_____ = x & H s(x, R)

Mx durk is 13(XM, E) Re H3(XR)

Cx | Sio lage. conte sh.(x)=? M(X, 4) freeting in decem L & U 773 Julient line of un(x, n)

Tutosting: All contral pouls

we were work itera, of two types: - mony type or (3,4)-0 -attack pauls Attacks preas - at long-frees in general. These attractor forms have very simple grownery. They split attacter from c--> Int + Mx/R+ less degreent picture for dises? Denef- formula for all tungly on/
multi-rentered black holy base of isotopic R3 × R' Symplechi reche space. 123 - 2x1 - 1/x R3 Which habs E xicilx-xil - go util.

Jones You () TT Track) Me can dre C- shut would to the Mx - COM H3(X, R) 143(X, Z) will of sear type on Mx . I 8: JR30 tours Will, mistred at so . eput Cosympations that ut so 53 R2(8)=1. Mx = Mx) os v conjective. My - white pl. Sluy(NX) Howey - Muse. 3 New comp of Mx