18 March 2009 V-Toledons Laredo

Stability conditions and Stokes factors

Physics => Solution of WCF (Facotto-Moure-Neither)

Marhometrus => Solution of WCF (Reinelce, Joyce, Kantsenh-Soiselman)

(TL + Bridgeland)
Froben is maniful structures

A= abelian category branes (anthranes)

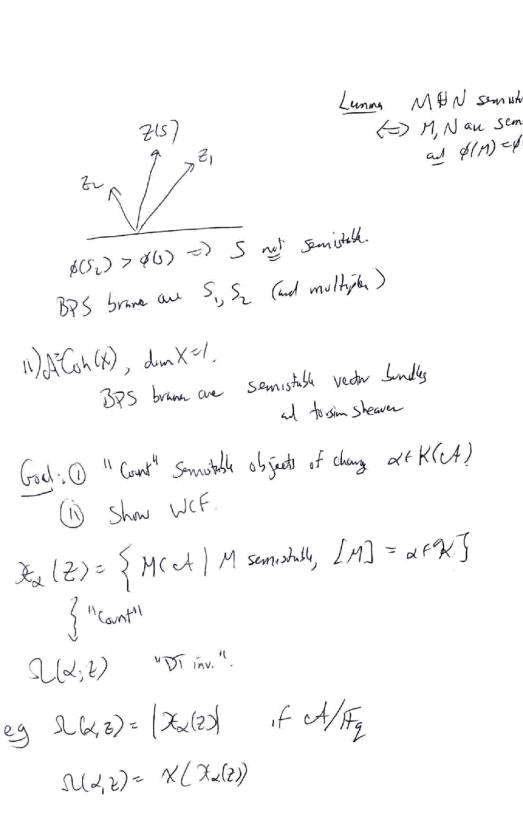
1) A: Rep(:>2) Indecomposates or 52 5

2) d=Coh(x), X small projection/C B-branes.

Stability Conditions on A central Charge

[M) -> H = SZEC | Im Z >0] U IRco % old)

1395 Summer Sissis and their multiplier



Poisson str. in Ti Sed, es] = <a,p>edrs (d, p) = Z, (1) j. Ext. (2,p) Ever form <a,p>= illa, p)-(B,d))

HoA) to mirally rolled to Harry-More algebra of BRS states.
(inept 12)
(dep on 2)

Unit: 1. (M) = } | (F M=0) 1(M)= 31 4M.

f, + - + fn (M) = } f, (M) fz(Mz/M) -- fn(Mn/Mn) MIC-EMMY SMARM

WCF (= Harder Navasimhan filtrations.

EEA, 31. ESES SERE

St. O Fi= Ei/Ein

(P(Fi) > O(Fin)

Reformulation (Reinecke)

I CH ray wo SSe = 1 ot 2 SX

there for of all BPS brane of charge in l.

HN => T SSL = I & gr

CON SSL Z = TT SSLZ Y Z Z' (" 1")

WC in Ha.

WCF in Symp(T) Prop SSt = TT K Q (4,2)

2.2(4)ed

2 indivisible

Frederius manifolds (Faither Moure - Neitzle

WCF AND HK metris (+++)

Juyce's work (Brugeland): Froberius maniful structur an Stub(c4)? flat connection on MXP1 3t

with regular sing at $t=\infty$ irrogular at t=0.

Joyce's gen. fundan:

fa(2) = Z Z J/2(x), Z(xN) S, x & son Jn=/(CX) - C "GW potential"

Thin (Joya)

() 3 Jn St. Ex: Stulct) -> H(ct) ~

are cts & holomorphic

1) the In are lessentially) in you & indust of A.

3 d&= 2 Z [fx, fx]dly (\$)

Bridgeland + TLi

\(\overline{F} = \overline{L_a} \overline{f} = \overline{L_a} \overline{f} = \overline{L_b} \overline{f} = \overline{L_b} \overline{L_b}

Thun (BFL) The following are agriculant:

(1) The Stokes factor of Vaz corr. In a ray of SSe

(II) The Stokes matries of ViA, 2 are St=1, S=10 upper both john liver half john

9

Cor VA,2 is an Isunmodranic family of connection on P.

Rancole / Fg

(S[M] = EM

[Aut M]

SEMS = X(EM) SeM, -3/c in dm=1!

2=[1]