Suppose use have presention of Lt. This gives a function on L, which is linear on Eibers. Assume that seros of M form a voduced mon-sing. divisor X on P

We will describe ASV(X) in terms of Tox MSU(D)

Then BRST M = \(\b^4 \psi^2 + \b^2 \psi^4 \) (1) dr = = \(\left[\left] \psi^2 \left[- \equip \left] + \left[\left] \psi^2 \left[- \equip \left] \) Fack space P(U, Tx HSV(A)) = Fock 1,2 @ Fack >3 generated la:, b', l', til Cohomology & HBRST, (Fock, 2) @ Fock = 1 Claim: HBRST, (Focks, 2) - S. dim andgenerated hu. 10) Forle 1,2 is a restr. Lensor product of « Oero ((a'[-k]) + ero ((a'[-k]) + kro · De 20 C (PE-1) De 20 C (PE-1) +2 (-4-1) + 650 - Dezo R(B[-e]) Dezo R(BL-e) Yuzo Dezo R(B[-e]) Dezo R(BL-e) Yuzo R-ring of functions on a disc U is a product of IxaleC and Uxi xdink Faz is graded by Lz, 2607

RRST, shifts grading by -1 Ex. Finish the proof of claim

We showed that for a given choice of coord on 114 (10) there is an isom between sections of MSV(x) and MSV(x) One has to show that these isom, could be ghed One has to show that the constructed isomorphism committee with change of coordinates pres our setup $\chi^2 = \chi^2 \cdot L(\chi^2, \dots, \chi^2 - \chi^2 / L(\chi^2, \dots, \chi^2 - \chi^2)$ $x^i = f^i(x^3, \dots, x^{dimb}) + x^2 g^i(x^2, \dots, x^{dimb}), i \ge 3$ h=1, g'=0 - oplitting is unaffected. so, only have to show that for f'-nontrivial hut in this case $a_i, b_i(x)$... it's act on the cohomology or a: , bi... is some the diff. lies in the image. Prof. Y affine subset UCP, BRST, coh. space of P(u, TeMEN(N)) is ison. to P(u, MSN(N)) Consider the case when I has non-deg. top form => h-conomical line bundle, section of ob h-2 produces CY divisor X on P. Let's compute G(9) and Q(4) on MSV(X) in terms of global fields on Tx MSV(L) Prop. L- canonical bundle on X => Ctx(+) is the image et (2) - (6212) 41(2)), Qx(2): the image

2) A(+)= -4,(+)4,(>)