C. Teleman, The avantum GIT anyedore
Das Prodesso
X compact symplectic, G cpct Lie CX Harristonian action
know QH°(X) +?? ~ comple (XXXXX) QH°(X::G)
orbible veril of GIT quotet
orbible veril of GIT qualet if actually free
Faro cage: shall have a clean answer.
Model: Batyrev's conjutate of QH° of teri fanos
QHO(F) = HO(BT) (Si-Qi) a symplectic reduction parameters Seidel operator, becis of Tag(T).
Seidel operator, bacis of Ta(T).
F= V//T. SH*(V)
·
Slogan: Fono case, QH°(X::G) & = QH*(X) (?) General case: D = direct surrounds of a defenction of
(Key some: how to whethy the surrout?)
Ingredients? Wehrheim-Woodward work on Lagh correspondences, nanely
$y^{-1}(0) \longrightarrow X$ is a lagh in $(X::G)^{-1} \times X$
Dight to do fuctors in Fullyc citégres.
X:: G (yes/known in monstone (ax w/o Meslov 2 desks).
X: (6 (Yes /known in monotone (ax, w/o Meslov 2 dos of s). General monotone case - obstruted by subsples of Id () no obsert on QH (?) Unrestrated vorsion anadomorphy (Fukaya)
Unrestrated version and and the [Fullaya]
Buys you (after work): a binsole between QH 5.
Would like to know it induces an isomorphism
Intolod: Equium Filiage algues
Can define: objects Ginth Lagins, Claim: should call this the
Marphones HF* (Ly, Lz) "sent shut fixed point colegey?
(Ass operations - technical war to required). F(X) ss G
"fixed on objects, & was try fixed asophus

	(this is neither the other man demed fixed point categoy; its particle,
J. 2	realer, don't expect to comple it from mirror of known)
,	
	(Roberthere The general there is a functor (five this) to F(X) has. 7. Quest-equivelence? (would be great (importent information to some raises).
	In general, there is a functor (four thing) to F(X) 16.
	? Quesi-equille ? (world be great (ingothat inf some is some rases)
	X
	Example: API SU(2) ache
	Example: Pl, Sy(2) acte. Note: there are no invariant Lagins, so $F(X)^{SSG} = 0$. (myla no ippolition 5/c OH(X::G) is empty?)
	(myla 10 sproblem 5/c OH(X::G) is engly?)
	Recall: can deform by H's (IP), in particular H 4.
	In this case defenda & generically senismple of infinitely in simple.
	In this case, deformation is generalizely sensorph of infinitely now scientis. This can be completed from the nivror, but not obviously for)
	"Quartur" LG action on X
	Quantum LG action on A cother id: X > X but also imp+G
	ev t
	X
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	defros a bundle X. study sectus it has associated budlo.
	Study Sections of fine associated budle.
	(as use H* (LG) to define specifiers, extending Hx(G) operations.
	This walls is dyloric genety [Woodawd, Woodawd - Gonzale 2]
	and variet in Floer thoses: fixed pt. Floer csh. - her a 'flet' connection (in the suse of complexe)
	g my CF × (X, a) - her a flet annedon (in the suse of
	- her c'flet anneche (in the suse of complexes) is a budlo of complexes over G - equivernt under cury agative - equivernt under cury agative - her c'flet anneche (in the suse of complexes) there is a the suse of complexes of complexes of complexes of the suse of complexes
	-multilicitye CF*(g) & CF*(h) > (Fo(gh) a poth.).

-equiverst inder cury synthe -multiplicative: . CF*(g) or CF*(h) > CF°(gh),

		Equivelently; there is a homomorphism faction of the
		$\left(\left(-\right) \right) = \left($
		which is a Ca-parvisint, and algebraically gives
		(Or == 0110(V) (Renati: being Ez is a shrope
		which is a Ca-equivant, and algebraically gray (Remail: being Ez is a solvedue, not just a condition)
		On 75 SZG = 77, G, this recovers the Seidel representation of housephum.
		In general, equivariat homology
		CG (SG) action QH* (X)
		CG (SLG) acts on QH* (X) (Ez algebra Ez) algebra ove it.
/		TO (T: 10:)
		IP G = T: this is C[T*T]
		(& there conditions) => "Spec of QIt" (X) his Lag's support in)
		Fact: QIt's(X) his "Lug's support" - fellow for possibility of Exist.
		Fact: QIt's(X) his "Lug's support" - fellow for population of Extra SEzstr.
		E.g., minor (at projective space) P" is functions on
		(CA)NH
		Ty on C"+1
		W= {zor-+2n zo7n=9}
\	\ Mc	I into To C 7* Ty (hol. Lagn).
	\	
	7	=> 1 G (G; @F*) is an alybra, space of states for the Garact GW they
		, ,
		Reminder G forme have a trusted sector deconscione: It FO(X; g)
		Remoder G forte, have a tunsted sector decomposition: HFO(X; g) QHO (X::G) = [(A) (X9)] geG (Machos to multiplications from more)
		L geG R marties to multiplications from more)
		bundle



