Turaev: From Braided Categories to 3-Manifold Invariants and Back
September-19-11 3:21 AM
Example: Mi: DM=0, oriented, compat
Find Tr(X). Fix a Firste group [?
·
Hom(TT,(X), [7] (is a namber.
$M \longrightarrow k(1,1)$
M > K(M, 1) All Vartices go to The
92677 basepoint. $F = 9,9$
$G \in H^{2}(\mathcal{I}, \mathbb{C}^{k}) \qquad \forall : \forall \mathcal{I}(M) \longrightarrow \mathcal{I}$
$Y^*(0) \in H^{\gamma}(M, C^*)$
110/61/6/
$\mathcal{D}\mathcal{W}_{0}(\mathcal{M}):=\overline{\mathcal{Q}}(\mathcal{Y}^{k}(0),\mathcal{M})$
Dijkgmaf-Witten
6: Fusion Category Thm (Twair-Virdizio)
Z Drinfuld Center V Fision Cortegory Covor C;
Z(8) a modular catogory M= Tz(8) (M)
Turavo Viro Resheti thin - Turav