

STRING TOPOLOGY AND VIRTUAL INTERSECTION OF ORBIFOLDS

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The homology of the loop space of a manifold has a ring structure that comes from the existence of a push-pull diagram and the existence of an umkehr map in homology, the same idea applied in the case of orbifolds, gives the homology of the loop space and “ghost” loop space the structure of a ring. In the case of the orbifold B_G we recover the center of the group algebra.