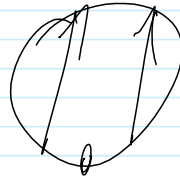


Fiedler: Singularization of Knots and Closed Braids

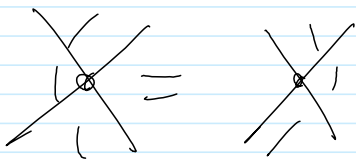
May-27-14 10:04 AM

K : A knot type

K_2 : \mathbb{Z} -module freely generated by all long diagrams of K with exactly two double points arranged as

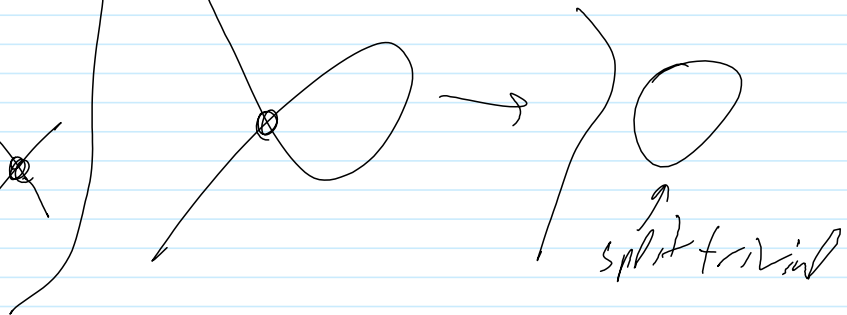
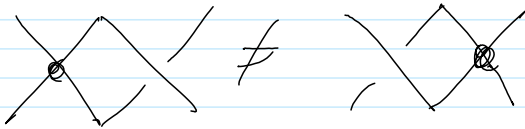


modulo isotopy of long singular knots with planar double points, modulo the embedded



IT relation
if

but



then $\text{crossing with loop} = 0$.

⋮