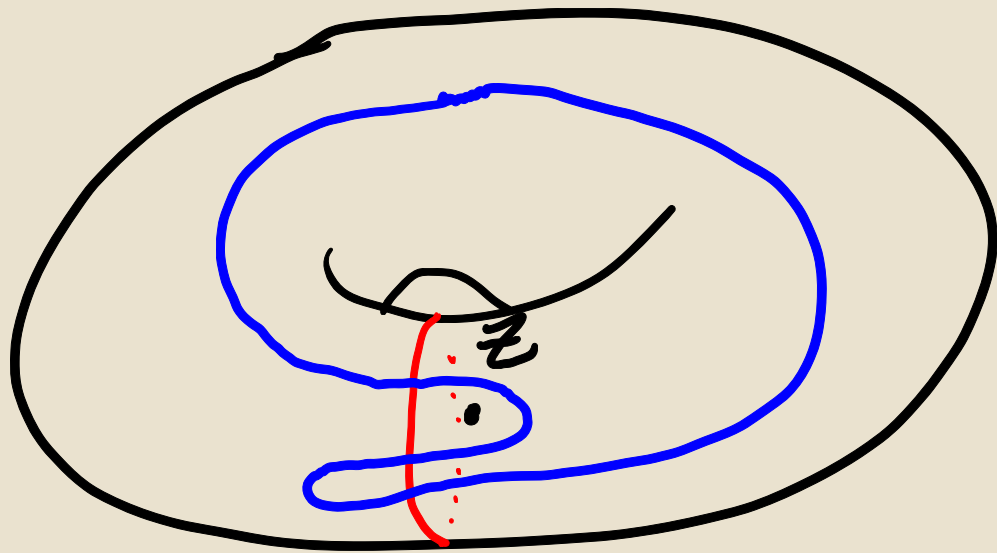


Knot Floer Homology and L-space Surgeries

Recall input for CF^0 :



Ozsváth-Szabó/
Rasmussen:

As $\mathbb{F}[U]$ -modules,

$$CFK^0(\Sigma, \vec{\alpha}, \vec{\beta}, z, w) \cong CF^0(\Sigma, \vec{\alpha}, \vec{\beta}, z),$$

but the CFK^0 differential also keeps track of w :

e.g. for $\vec{x} \in \Pi_\alpha \cap \Pi_\beta$,

$$\hat{\partial}_k \vec{x} = \sum_{y \in \Pi_\alpha \cap \Pi_\beta} \sum_{\substack{\phi \in \mathcal{C}_2(\vec{x}, \vec{y}) \\ \mu=1, n_z=0, n_w=0}} \#(\hat{\mathcal{M}}(\phi)) \cdot \vec{y}$$

