(Graph homology) \rightarrow \text{H}^*(M)

Then: 1. Def. of Z_0

2. Proof of invariance mod W.T.

3. A word on signs.

4. Proof of universality.

A word about signs.

\[ \mathcal{D}^{-1} = \langle \text{V.i.s. spanned by connected} \rangle \]

\[ \langle \text{trivalent D's with skeleton S'}, \text{oriented edges} \rangle \]

\[ / \text{re-ordering vi; vs acts by the sign or the permutation} \]

\[ \mathcal{D}^0 \]

Lemma \[ \mathcal{D}^{-1} \equiv \langle \text{TRIV} \rangle \]

\[ / \text{Trivalent connected with skeleton S', unoriented internal edges, unordered vi; vs, but} \]

\[ \text{"oriented internal verts"} \]