

Question Do "finite type invariants of links with a fixed linking matrix" generalize to general algebraic structures  $\mathcal{L}$ ?

Take  $K, \mathcal{L}$ . Consider

$K^{FM} :=$  The fibred structure of  $K \rightarrow K/\mathcal{L}^2$ , then study  $\text{Pr}K^{FM}$ .

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Question How is  $\text{pr}K^{FM}$  related to  $\bigoplus_{\mathcal{L}}^{\mathcal{L}^{2m}} / \mathcal{L}^{2m+2} \mathcal{L}$  (possibly, not at all...)

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$$\begin{aligned} \mathcal{L}^{FM} &= \{K_1 - K_2 : K_1 - K_2 \in \mathcal{L}^2\} \neq \mathcal{L}^2 \\ &= \{ \sum a_i K_i : \forall i,j \ K_i - K_j \in \mathcal{L}^2 \} \end{aligned} \quad \sim$$