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Combinatorial knot Floer homology and cyclic double branched covers

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Using a Heegaard diagram for the pullback of a knot $K \subset S^3$ in its cyclic double branched cover $\Sigma_2(K)$, we give a combinatorial proof for the invariance of knot Floer homology over \mathbb{Z} .

Subjects: **Geometric Topology (math.GT)**

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