

Close Pure 3-Braids and the 3-Sphere

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Let L the set of closed pure 3-braids contained in S^3 . In a previous work, we studied the subset $L' = \{\hat{\beta} \mid \beta = \Delta^{2e}(\sigma_1^{2e_1}\sigma_2^{2f_1})\}$, which consists of strongly invertible links and it was determined when S^3 is obtained by integral Dehn surgery on these links. In this talk I will speak about an extension of this result. Some particular cases will be presented. This is a joint work with M. Eudave-Muñoz.

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