

TURNING DOUBLE TORUS KNOTS OUTSIDE-IN

PHILIP ORDING

(Joint work with Mikami Hirasawa)

A *double torus knot* is an embedding of the circle in a genus two Heegaard surface of S^3 . Peter Hill and Kunio Murasugi devised a set of parameters for these knots. We observe that their parameters admit a few simplifications and illustrate the relationship between the parameter values of a double torus knot as viewed in S^3 from one side of the Heegaard surface and those as viewed from the other.

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