

早大理工トポロジーセミナーのお知らせ

Classification of ribbon 2-tubes up to homotopy

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Abstract

A ribbon 2-tubes is a locally flat embedding of n tubes in B^4 which extends to an immersion of n spheres with only ribbon singularities. In this talk, we will see how these object naturally act on the reduced free group, and that this action provides a classification of ribbon 2-tubes when ignoring self-knottedness of each component, that is when allowing each tube component to cross itself. This can be seen as an extension of a result of Habegger and Lin on string links to the welded case, which is a natural quotient of virtual string links. This is a joint work with B. Audoux, P. Bellingeri and E. Wagner.

西早稲田キャンパスへのアクセス, 51号館の位置は

<http://www.sci.waseda.ac.jp/campus>

を参照してください.

皆様のお越しをお待ちしております.

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