

早大理工トポロジーセミナーのお知らせ

Classical pretzel knots and left orderability

Anh TRAN

(University of Texas at Dallas)

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場所： 早稲田大学西早稲田（理工）キャンパス
51号館 18階 18-02室
Waseda University Nishi-Waseda Campus
51st building, room 18-02

Abstract

Heegaard Floer homology is a package of 3-manifold invariants introduced by Ozsvath and Szabo. Manifolds with minimal Heegaard Floer homology are called L-spaces. The L-space conjecture of Boyer, Gordon and Watson states that an irreducible rational homology 3-sphere is an L-space if and only if its fundamental group is not left-orderable. In this talk, we will discuss this conjecture for 3-manifolds obtained from the classical pretzel knots by Dehn surgeries.

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