早大理工トポロジーセミナーのお知らせ

TQFT and modular representations of mapping class groups

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日時：２０１３年３月１日（金）午後３時３０分 〜
March 1, 2013 (Friday), 15:30 〜

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, 18th floor, Room 18-02

概要
Abstract

This talk will be about modular representations in finite characteristic of mapping class groups of surfaces. These representations come from the theory of Integral SO(3) Topological Quantum Field Theory. I will discuss joint work with Reid in which we use these represen–tations to answer a question of Hamenstaedt about finite quotients of the mapping class group. I will also present Verlinde-like dimension formulas for the irreducible factors of these representations in the case of equal characteristic.

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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