

早大理工トポロジーセミナーのお知らせ

On Hyperbolic Polytopes

Alexander KOLPAKOV

(Vanderbilt University, Nashville, TN, USA)

日時：2013年7月26日（金）午後4時30分～
July 26, 2013 (Friday), 16:30～

場所：早稲田大学 西早稲田（理工）キャンパス 51号館 18階 18-00 室
Waseda University, Nishi-waseda campus 51st building, 18th floor, Room 18-00

概要 abstract

I shall speak about geometric and combinatorial extremal properties of hyperbolic polytopes in dimension four and beyond. I shall mention such properties as volume minimality, facet number minimality and dimension constraints. Also I will show some applications to the theory of manifolds in higher dimensions (such as constructing four-manifolds) and discuss open questions.

世話人：村上 順（早稲田大学基幹理工学部数学科）
e-mail: murakami@waseda.jp