Department of Mathematics
The Chinese University of Hong Kong

數學系
香港中文大學

Phone: (852) 3943 7988 • Fax: (852) 2603 5154 • Email: dept@math.cuhk.edu.hk (Math. Dept.)
Room 220, Lady Shaw Building, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong

Seminar

Fixed subgroups in low-dimensional manifold groups

Prof. Qiang ZHANG
Xi'an Jiaotong University

Abstract

For a group G, and a set of endomorphisms $\mathcal{B} \subset \text{End}(G)$, the fixed subgroup $\text{Fix}\mathcal{B}$ consists of elements fixed by every endomorphism $\phi \in \mathcal{B}$, which has many interesting properties on the intersection of subgroups. In this talk, we will introduce some progresses on the fixed subgroups of some special groups, such as free groups, surface groups, 3-manifold groups, and the direct products of finitely many free and surface groups.

Date :   December 5, 2016 (Monday)
Time :   4:00pm – 5:00pm
Venue :   Room 222, Lady Shaw Building,
             The Chinese University of Hong Kong

All are Welcome