
CHRISTINE VESPA, Université Louis Pasteur (IRMA) Strasbourg
Stable homology of groups by functor homology

In 1999, Betley and Suslin prove independently a powerful theorem which relates homological computations in the category of functors between vector spaces and stable homology of general linear groups. It is natural and interesting to obtain generalizations of this result for other families of groups, notably the orthogonal groups. In this talk I will explain the steps of the proof given by Suslin and present the situation and the difficulties for orthogonal groups.