

Orbit forcing theory for surface homeomorphisms

Patrice Le Calvez ¹

¹ Université Pierre et Marie Curie

Resumo/Abstract:

In a joint work with Fabio Tal (USP), we introduced a novel theory of orbit forcing for surface homeomorphisms using maximal isotopies and transverse foliations. Very recently we obtained a simple criteria implying the existence of a topological horseshoe. Some applications will be given.