

On conjugacy-closed loop-folders

A conjugacy-closed loop-folder is a triple (G, H, T) of a finite group G , a subgroup H of G and a transversal T for the right cosets of H in G . T has to be G -invariant and $1 \in T$.

In this talk I will give some examples of conjugacy-closed loop-folders, present some facts and the two main conjectures of the project. I will concentrate on the cases in which I can prove the conjectures and give a short introduction to the ideas of these proofs.