

Abstract

This bachelor thesis shows, how to create the presentation of subgroup, if the presentation of group is known by Reidemeister-Schreier method. At first, a term presentation of group is defined and then the text shows, how to obtain the group, which is isomorphic to the original group, from this presentation and how the presentation can be changed, although the group, which is obtained from the presentation, stays same. Then the text finds presentation of subgroup from the presentation of group, however this presentation cannot be in general used in practice. The obtained presentation of subgroup can be simplified by Reidemeister theorem, Schreier theorem and appropriate generators of subgroup. This thesis also contains solved examples of application of Reidemeister-Schreier method. The text is intended as an educational material for students of combinatorial group theory.