

Welcome to International Group Theory Web Seminar

Dmytro Savchuk,

"Automata generating free products of groups of order 2"

May 13, 12:00pm (New York Time).

Abstract:

We construct a family of automata with n states, $n > 3$, acting on a rooted binary tree that generate the free products of cyclic groups of order 2. I will give short exposition of the history of this question, explain the construction and main ideas behind the proof, which involve the notion of a dual automaton.

This is a joint result with Yaroslav Vorobets of Texas A&M University.

Next presentation: **TBA**

