



# GROUPS, LOGIC, AND COMPUTATION. GAGTA-2025

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*Non-standard free groups.*

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*Abstract:*

Finitely generated groups elementarily equivalent to a non-abelian free group are regular NTQ groups or hyperbolic towers (Sela, Kharlampovich-Miasnikov). We will describe an interesting class of non-finitely generated groups elementarily equivalent to a non-abelian free group.

This is a joint work with A. Miasnikov.