

Title: Editing subgroups of Baumslag Solitar groups

Abstract: We will introduce innovative techniques for editing subgroups within Baumslag Solitar groups, offering tremendous potential for achieving precise modifications with remarkable accuracy. Specifically, we will delve into the concept of generic subgroups, which possess the striking ability to accurately approximate all subgroups associated with a predetermined phenotype. Our techniques are inspired by Bass-Serre theory. This is based on a joint work with D. Gaboriau, F. Le Maître, and Y. Stalder; abstract co-written with ChatGPT.