CLONOIDS

ERHARD AICHINGER

Institut für Algebra,
Johannes Kepler Universität Linz,
Linz, Austria

erhard@algebra.uni-linz.ac.at

ABSTRACT. While the functions in a clone are closed under arbitrary compositions, a number of weaker closure properties have been studied by many authors including, e.g., Couceiro, Főldes, Harnau, Lehtonen, Mayr, and Pippenger. In particular, the finite relatedness result for Mal'cev clones by Mayr, McKenzie, and the speaker does not use all compositions and can therefore be applied more widely than originally intended. In this talk, we exhibit some natural occurrences of function sets that are not clones.