The 25th NBSAN Meeting

18th January 2017, York

Tara Brough Word problems of free inverse monoids

The word problem of the free inverse monoid on a finite set X is context-sensitive (recognisable in linear space), but not context-free. There is a rich world of interesting language classes in between the context-free and context-sensitive, and I will discuss where the free inverse monoid word problem fits in that world.