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Título: Some results about colored trees

Resumo:

Colored binary trees are a natural space where the free monoid of two generators acts. The configuration over the tree can be defined in many distinct ways: for example, as a version of the subshifts of finite type and also as an adapted substitution dynamics, that we call substretution.

The aim of this talk is to describe some of the situations above, from the topological point of view and also exploring the complexity by means of the entropies already defined in this context.

Those results were obtained in coloboration with R. Leplaideur (substretutions) and with A. Becker and A. Cordeiro (finite type trees).