

Factor complexity of S-adic shifts

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While the factor complexity of substitutive systems is well understood, things are drastically more complicated for \mathbb{S} -adic systems. In this talk, I will briefly review the main results concerning the factor complexity of substitutive systems and I will try to compare them with the general case of \mathbb{S} -adic systems. I will then focus on the \mathbb{S} -adic conjecture whose aim is to give an \mathbb{S} -adic characterization of systems with linear factor complexity.