

A convoluted situation: fine-grained algorithms and complexity through the lens of min-plus convolution

Speaker

Alexandra Lassota
Assistant Professor
TU/e (Netherlands)

Abstract

In recent years, various approaches to combinatorial problems have entered the fine-grained toolbox. Min-plus convolution is one such problem that plays a central role in this development. I will present an overview and the current open problems for this problem including P-in-FPT and extension complexity. This talk is based on joint work with Cornelius Brand and Martin Koutecký.

