

Infinite Domain Constraint Satisfaction Problem

Libor Barto

Department of Algebra, Faculty of Mathematics and Physics, Charles University in Prague, Prague, Czech Republic

Abstract

The computational and descriptive complexity of finite domain fixed template constraint satisfaction problem (CSP) is a well developed topic that combines several areas in mathematics and computer science. Allowing the domain to be infinite provides a way larger playground which covers many more computational problems and requires further mathematical tools. I will talk about some of the research challenges and recent progress on them.

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