

A Taxonomy of Global Constraints

Project Description

In this project we develop a classification of global constraints and of the algorithms used to reason about them. We have begun building a taxonomy organized by complexity class (decomposable / polynomial / NP-complete), and by the type of algorithmic methods best suited to make inference on these global constraints. Several classes have been identified, such as counting and occurrences constraints; set intersection and partition constraints; sequencing constraints; and distance constraints.

Project Coordinators

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