



Updates of Knowledge Bases

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Updating knowledge bases is an important topic in Artificial Intelligence and a key problem of knowledge representation and reasoning. As a result, various researchers have proposed Answer Set Programming (ASP) as one of their key components to set up their approaches. However, many of such proposals still present some shortcomings when dealing with persistence situations, redundant information, or a lack of further properties. One of the latest ideas to update logic programs is to use abduction by means of Minimal Generalised Answer Sets (MGAS). This approach provides a more general and flexible semantics than standard Answer Set Programming, and I propose it to overcome disadvantages of previous approaches. The speech consists of the definition, general properties and main differences with other proposals.

Dienstag, den 20.01.2009

10:00 Uhr in Hörsaal T 1, Hörsaalgebäude,
Albrecht-von-Groddeck-Straße 7