

## Generalized Möbius Transformation of Knowledge Bases.

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*Abstract:* Möbius transformation is an important tool for establishing weights of compositional expert systems rules from conditional weights.

In this paper, an applicability of Möbius transformation of rule bases is also extended to knowledge bases with elementary disjunctions in antecedents of rules. This paper contains an existence theorem, an algorithm of the transformation and some open problems which tend to maximal generality as well.

*Keywords:*

*AMS Subject Classification:* 60T;