

Disambiguation of Weighted Tree Automata

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Abstract

We extend the disambiguation construction presented by Mohri and Riley [1] in two ways. First we change the underlying structure of their automata from words to trees and second we show that these results hold not only for the tropical semiring but also the arctic one.

References

- [1] Mohri, Mehryar, and Michael D. Riley. "A disambiguation algorithm for weighted automata." *Theoretical Computer Science* 679 (2017): 53-68.