Abstract

The aim of this note is to introduce fuzzy tree automaton over ranked alphabet (with and without \-rules). In addition, we discuss completeness and reduction of fuzzy tree automata. Finally, we discuss closure properties of fuzzy tree languages.

References

- Mordeson J. N. and Malik D., Fuzzy Automata and Languages: Theory and
- Zoltan E. and Liu G. Fuzzy tree automata, Fuzzy Sets

**Index Terms**

Computer Science  Applied Mathematics

**Keywords**

Fuzzy tree automata  Fuzzy tree language  Complete and reduced fuzzy tree automata.