Generalized Directable Fuzzy Automata

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Authors:

V. Karthikeyan, M. Rajasekar

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Abstract

In this paper, we introduce generalized directable fuzzy automaton and discuss their structural characterizations. We have shown that a generalized directable fuzzy automaton is an extension of a uniformly monogenically strongly directable fuzzy automaton by a uniformly monogenically trap-directable fuzzy automaton and obtain other equivalent conditions for a generalized directable fuzzy automaton.

References


Index Terms

Computer Science Fuzzy Systems

Keywords

Necks & Local necks of a fuzzy automaton, Uniformly monogenically directable fuzzy automaton, generalized directable fuzzy automaton.