MOSAIC LABYRINTHS AND UNIFORM STRUCTURES

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Some problems of labyrinths recognition with automata were considered in [1], [2], [3], [4], [5]. An infinite class of mosaic labyrinths was investigated in [1], [2], [3]. We proved that automation is useless if elements of this class have got a hole. Some kinds of rectangular labyrinths were considered in [4], [5]. We proved that if corresponding graph of the labyrinths have got a cycle then automata recognition is not possible. In this paper we will construct an uniform structure which is closed with respect two classes: class of all mosaic labyrinths with a hole and class of all mosaic labyrinths without a hole.

REFERENCES


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