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Amosov O.S. (osa18@yandex.ru), **Amosova S.G.**, **Ivanov Yu.S.**, **Htike S.**
Institute of Control Sciences V. A. Trapeznikov

INTELLIGENT CONTROLLER FOR COMPANY ACCESS MONITORING AND CONTROL SYSTEM BASED ON VIDEO SURVEILLANCE

An intelligent controller for physical person and vehicles access monitoring and control system based on video surveillance is proposed. A mathematical model of access monitoring and control system with the use of an intelligent controller was created, which allows to respond to both standard and emergency situations. A stand has been developed for debugging and testing the physical persons identification and their access control. An illustrative example for access of a physical person is provided.

Keywords: intelligent controller, access monitoring and control system, video surveillance, pattern recognition, fuzzy logic.

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