

## Temporal Case-Based Reasoning System for Automatic Parking Complex

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**Abstract :** In this paper, the problem of the application of temporal reasoning and case-based reasoning in intelligent decision support systems is considered. The method of case-based reasoning with temporal dependences for the solution of problems of real-time diagnostics and forecasting in intelligent decision support systems is described. This paper demonstrates how the temporal case-based reasoning system can be used in intelligent decision support systems of the car access control. This work was supported by RFBR.

**Keywords :** analogous reasoning, case-based reasoning, intelligent decision support systems, temporal reasoning

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