

Algorithm and data support of traffic congestion forecasting in the controlled transport

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Abstract

© Published under licence by IOP Publishing Ltd. The topicality of problem of the traffic congestion forecasting in the logistic systems of product movement highways is considered. The concepts: the controlled territory, the highway occupancy by vehicles, the parking and the controlled territory are introduced. Technical realizability of organizing the necessary flow of information on the state of the transport system for its regulation has been marked. Sequence of practical implementation of the solution is given. An algorithm for predicting traffic congestion in the controlled transport system is suggested.

<http://dx.doi.org/10.1088/1757-899X/86/1/012028>

Keywords

algorithm, area, congestion, Control, facilities, filling, flow, forecast technical, highway, intensity, parking, transport