

TRANSPORTATION NETWORK RELIABILITY AND ITS PATHWAY BASED ON THE DFG ALGORITHM

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Abstract

Discusses several problems related to reliability calculation of the traffic network, the use of tree growth (DFG) algorithm, the reliability of traffic network is the key of the research, this paper proposes an effective and suitable for traffic network path generation method, and the practical example analysis. The results show that: the use of tree growing algorithm "path tree growth", the efficiency of the algorithm is high, very suitable for such a large-scale traffic network.

Keywords : traffic network; reliability; route; The growth of tree algorithm