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## 论文

虚电路数据网路由选择的遗传算法

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摘要:

关键词:

## A GENETIC ALGORITHM OF ROUTING IN VIRTUAL CIRCUIT DATA NETWORKS

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Abstract:

In this paper the routing problem in virtual circuit networks is considered. We consider the problem of choosing a path for each origin-destination pair to minimize the average delay encountered by packets. We give the usual formulation of this problem as a nonlinear combinatorial optimization problem. We present a genetic algorithm to solve this problem. Extensive computational results across a variety of networks are reported. These results indicate that our method outperforms the other methods in the literature.

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