网络、通信与安全

一种基于索引的海量路测数据处理新方式

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摘要　　通过对路测数据的结构分析，提出了一种基于索引的路测数据处理新方式，能够高效地处理海量路测数据，从而提高无线网络优化软件的数据处理效率和性能。建立实际系统模型，与两种传统的路测数据处理方式进行了比较。通过对处理时间、内存消耗和读取时间的比较，表明了新方式在处理海量数据时性能优于传统方式。

关键词　　无线网络优化软件　路测数据　索引　路测

分类号

New processing method of huge amount of drive test data based on the index

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Abstract

Via the analysis of the structure of the drive test data，a new method called the drive test data processing method based on the index is presented，which can process a huge amount of drive test data files and improves the performance and the capacity of the wireless network optimization software.According to the new method，a system model is founded.The performances of the new and conventional methods are compared.With the comparison of the processing time，the system memory consumption and the reading time，it is shown that the new method has the much better performance than the conventional one when the drive test data is huge.

Key words　　wireless network optimization software　drive test data　index　drive test

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