

Evaluation Method of the Convenience of a Public Transportation Networks in a Local City

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The object of this study is to develop a quantitative evaluation method of the convenience of a public transportation network in the whole region for implementing the relative evaluation of various improvement plan of public transportation network based on current situation. In this paper, first, the theory of the quantitative evaluation method of the convenience of public transport networks in local cities is shown. Then, the findings concerning the way of the public transportation is actually used in a certain local city obtained from the field survey in that city, and the development of the system for carrying out calculations of the convenience automatically based on the quantitative evaluation method are shown. Finally, the course of the development plan in the future is showed.