

**A Prediction Method of Status Change Based on the Dependencies  
between the Condition Monitoring Data of Railway Facilities**

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Recently, a method of detecting the status change of facilities utilizing the dependencies between the measurement data has been developed. The method does not necessarily require the knowledge on physical characteristics of facilities. Thus the method has attracted attention as a versatile method. However, the existing methods have been used for detecting the symptom of status change which actually occurred, and the examples of their application to the prediction are few. In this paper, we propose a method of predicting the status change of railway facilities by using the dependencies between the measurement data.