

ABSTRACT OF THE DISCLOSURE

Provided is a technique for estimating infrastructure factors in addition to a car factor from data measured by a sensor mounted on a car, and analyzing and diagnosing an abnormal factor. For this purpose, a railroad car condition monitoring/analyzing includes: a car factor estimation unit configured to estimate car factor evaluation data from car data and evaluation data; an infrastructure factor extraction unit configured to extract infrastructure factor evaluation data from the car data, the evaluation data, and the car factor evaluation data; an infrastructure factor estimation unit configured to estimate individual infrastructure factor evaluation data from the infrastructure factor evaluation data; an infrastructure factor DB construction unit configured to store the individual infrastructure factor evaluation data in an infrastructure factor database; an infrastructure factor analysis unit configured to monitor the individual infrastructure factor evaluation data stored in the infrastructure factor database so as to analyze infrastructure factors; and a car analysis unit configured to analyze a car condition in consideration of analysis information on the infrastructure factor.