

The Recent Trend in Research on Contact Phenomena in the Railway System

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Contact phenomenon is often the key to the solution of the various problems related to the railway system. Therefore, it has been one of the crucial issues to be clarified in order to improve quality of railway operation. This paper describes the recent trend of research on contact phenomena in the railway system such as rolling contact of wheels and rails, impact motion of vehicles and railway structures, sliding contact of overhead and pantographs and so on in a higher perspective.