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# **Design of Track System and Railway Vehicle Dynamics Analysis**

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### **Message from the Guest Editors**

In recent years, high-speed railways have been put into operation on a large scale worldwide. With the increase in vehicle speed, the dynamic problems of vehicle-track systems have become more prominent, seriously affecting the safety and comfort of vehicle operation. An accurate description of the distribution characteristics of track irregularity is not only the basis of dynamic analysis for vehicle-track systems, but also an important reference for railway design, maintenance, and quality evaluation.

Recent research has greatly promoted our understanding of track systems and vehicle-track dynamics. Advanced vibration reduction and isolation measures have been adopted to improve the safety and comfort of vehicle operation. This Special Issue aims to summarize recent progress in experiment and numerical analysis for track systems and vehicle-track dynamics.











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## **Message from the Editor-in-Chief**

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