Toward Railway Innovation Ascent

Railway Technical Research Institute

No. 4 May 2018

www.rtri.or.jp/eng **JAPAN**

Faster and Energy-efficient Railway

The Necessity of Trains Becoming Faster,

More Comfortable and Energy-efficient

7 Reduction of Elastic Vibration of Car Bodies and Internal Noise

12 Reducing the Air Resistance of Vehicles

Preservation of Environments beside High

Collaboration Agreements with DLR RTRI RTRI



rThe 12th World Congress RTRI on Railway Research F(WCRR 2019)RI RTRI RTRI RTRI





