

Materials Research Solid State Physics and Engineering

Laser Cladding for Restoring and Increasing the Durability of Railway Wheels

Zaure Zhetpisbaevna Zhumekenova, Vitaliy Vladimirovich Savinkin, Andrei Victor Sandu, Petrica Vizureanu

Monograph / PDF eBook DRM Free

The book analyses the design features of railway wheel pairs and investigates methods for increasing the durability of these wheels.

Keyword: Railway Wheels, Surface Treatments, Laser Cladding, Strength Calculation, Fatigue Stresses, Laser Energy Source, Control of Thermodynamic Processes, Mobile Repair Complex

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