

O. V. FOMIN, A. O. LOVSKA

**DYNAMICS AND DURABILITY
OF FREIGHT WAGONS WITH NOMINAL
(DRAWING) DIMENSIONS AND TAKING
INTO ACCOUNT ABRADING ACTION**

Monograph



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The purpose of the book is to highlight the results and features of the authors' research on the dynamics and durability of the main types of freight wagons under operating conditions in order to substantiate the restoration of their operation. The constructive substantiation of freight wagons of modern domestic park by types is analyzed. Theoretical provisions and methodological foundation for determining the specified indicators of dynamics and durability of load-bearing structures of freight wagons with nominal (drawing) and actual dimensions are given.

The monograph is intended for scientific and technical specialists in the fields of constructional design and study of the mechanics of load-bearing structures of freight wagons, including scientists, design engineers, designers, doctoral students, and graduate students.

The monograph can be used as a textbook for undergraduates and bachelors in relevant specialities.

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