

Alyona Lovska

**DYNAMICS AND STRENGTH OF RAIL
CARS IN FERRY TRANSPORTATION**

Monograph



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The book provides results and peculiarities of the research into dynamics and strength of basic types of freight and passenger cars transported by train ferries. The authors focus on the theoretical concepts, methodological basics and practical solutions to determination of accelerations and forces exerting in the oscillation systems (train ferry – rail car – container).

The book will be of interest for specialists in science and engineering who are concerned with development and research into the freight and passenger railcar design. It will also be of considerable use for research scientists, designers, developers and doctoral students.

The results presented will be of considerable use for anyone concerned with development and operation of containers and train ferries.

The book can be used as an educational aid for graduate and post-graduate students of the related specialties.

Pictures – 318, Tables – 43, References – 165.

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