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SHM System for the Roof Structure of a Trade Market Hall

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In the present work, a rational monitoring concept has been proposed for the roof structure of a large trade market hall. It is based on a preliminary structural analysis of the carrying structure and the experience from the measurements on a test structure. The number of sensors and their type is selected according to the goals of monitoring, efficiency and redundancy reasons.

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Ключевые слова:

Содержание

Abstract

Introduction

Preliminary investigation on a test structure

SHM concept for the roof structure of a trade market hall

Conclusion and outlook