Informatika i sistemy upravleniya. – 2019. – No. 4(62). – P. 71-84.

Alevetdinova J.V. (yulialevetdinova@gmail.com)

Russian University of Transport

THE SYSTEM OF DETECTING FATIGUE DAMAGE IN METAL STRUCTURES OF MOVING TRANSPORT BY REFLECTOMETRIC ANALYSIS

Timely diagnostics of transport vehicles as well as monitoring of their metal structures can ensure safe operation of the transport. Various methods are applied for the diagnostics. However, the most popular of them are non-destructive testing methods, since subsequently, after applying all suitable diagnostic methods, the device can still operate.

Keywords: noise, correction, 3D model, scattering indicatrix, defects, optical control method.

DOI: 10.22250/isu.2019.62.71-84

For citation:

Alevetdinova J.V. THE SYSTEM OF DETECTING FATIGUE DAMAGE IN METAL STRUCTURES OF MOVING TRANSPORT BY REFLECTOMETRIC ANALYSIS // Informatika i sistemy upravleniya. – 2019. – No. 4(62). – P. 71-84.