RUS

RUS

Scientific Journal

Vol. 10 No. 2

The founder

Limited liability company 'Acoustic Design Institute' (LLC 'ADI') in cooperation with Baltic State Technical University 'VOENMEH' named after D. F. Ustinov

The Online Scientific Journal 'Noise Theory and Practice'

has been published since 2015. The founder of the journal is Nikolay Igorevich Ivanov, Doctor of Engineering Sciences, Professor of the department of **Ecology and Industrial Safety** of the Baltic State Technical University 'VOENMEH' named after D. F. Ustinov, the founder of the transport acoustics in Russia.

'Noise Theory and Practice' is devoted to the fundamental problems in the field of vibroacoustics and accepts papers in the following areas:

- 29.00.00 Physics
- 29.37.00 Acoustics
- 43.00.00 General and complex issues of natural and exact sciences - 87.00.00 Environmental protection.

Human ecology.

All articles submitted to the editorial office are subject to mandatory review. The journal is an open network resource and published four times a year.

Location address of the Editorial

Bldg. 7'A', 138 Obvodny Canal emb., office 11-N, room 2-2 +7 (812) 495-77-97

www.noisetp.com e-mail: secretary@noisetp.com

Executive Secretary Khrapko Natalya

Journal is registered in Federal service for supervision of communications, information technology, and mass media The certificate of registration ЭЛ № ФС 77-74057

Contents

Tsukernikov I.E., Nevenchannaya T.O., Shchurova N.E.

Assessment of measurement conditions when determining the sound insulation of building products using the intensity method in laboratory conditions

pp. 7-16

Kuznetsov A.A.

Calculation method for determining the variable impedance of an acoustic liner pp. 17-28

Kirpichnikov V.Yu., Malinin I.O., Oleinikov A.Yu.

The effectiveness of vibration-absorbing coatings pp. 29-43

Krutova V.A., Frolova D.S.

Methodology for calculating expected noise levels in the premises of the power station car of a recovery train pp. 44-52

Kirpichnikov V.Yu., Smolnikov V.Yu., Skoblya E.S., Syatkovsky A.I., Oleynikov A.Yu.

The effectiveness of a super-thin layer of an polymer layer, incorporated into the structure of an HPL plastic plate at various distances from free surfaces

pp. 53-59

Rakhmatov R.I., Nadareishvili G.G., Galevko V.V.

Improvement of vibroacoustic characteristics of transportation-technological vehicles by means of complex researches of powertrain vibrations at structural and air transmissions pp. 60-87

Fiev K.P., Ivanov N.I., Tyurina N.V.

The nature of aviation noise reduction with increasing distance from an aircraft pp. 88-100

RUS

RUS

RUS

RUS

RUS