Noise Theory and Practice

Scientific Journal

Vol. 6 No. 1

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, Head of 'Environmental studies and health and safety' department 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.

Journal is included in the LIST of VAK RF. All articles submitted to the editorial office are subject to mandatory review. The journal is published four times a year.

Location address of the Editorial

19 building 'R' Promyshlennaya str., office 444

+7 (812) 500-08-26

www.noisetp.com

e-mail: noise.science@gmail.com

Executive Secretary

Rassoshenko Iuliia

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

Contents

Montano W.A.

ENG

Low-Frequency Noise is underestimated by dBA. After 80 years, an LFN descriptor for rating annoyance is necessary

pp. 7-29

Goguadze M.G.

RUS

Simulation of noise generation of a special boring machine pp. 30-38

Kirpichnikov V.Yu., Kosheev A.P., Dobrynin D.G., Drozdova L.F.

RUS

Experimental study of low-frequency effectiveness of small sound isolation enclosure pp. 39-46

Eremenko D.O., Zapletnikov I.N., Pilnenko A.K.

RUS

Modeling of vibroacoustic processes internal noise sources of a vegetable-cutting machines pp. 47-59

Hramov A.V., Petrov S.K., Levin S.V., Levina E.A.

RUS

Can long wearing of headphones increase the risk of the development of hyperacusia? pp. 60-65

Vasilyev V.A., Ksenofontova V.K.

RUS

Highway Traffic Noise

pp. 66-76