CONTENT / OBSAH	APPROACHES TO CLASSIFICATION OF REDUCTION ME- THODS OF LOW FREQUENCY NOISE AND VIBRATION OF
VIBRATIONS OF THE CLOSED FRAME STRUCTURES IN A STEADY-STATE CONDITION	POWER PLANTS Andrey Vasilyev 52
Veronika Krutova, Besarion Meskhi 4 Paper No. 343/2021	Paper No. 353/2021
THEORETICAL STUDY OF THE CLOSED BAR SYSTEM LOSS	ASSESSING EXPOSURE TO NOISE IN HIGH DENSITY URBAN AREAS
FACTOR Veronika Krutova, Besarion Meskhi Paper No. 344/2021	Irina May, Dmitrii Koshurnikov 56 Paper No. 354/2021
DERIVING THE DEPENDENCIES FOR THE VIBRATING CA- PACITY INTRODUCED INTO WHEELSET ASSEMBLIES Veronika Krutova 13 Paper No. 345/2021	DEVELOPMENT AND ANALYSIS OF NEW THEORETICAL MODELS OF GAS DYNAMIC PARAMETERS OF LOW-FRE-QUENCY PRESSURE PULSATIONS IN EXHAUST TRACTS Anna Lubyanchenko, Aleksandr Shashurin, Nickolay Ivanov Paper No. 355/2021
AMBIENT NOISE: PROBLEM AND STUDY IN THE FRAME- WORK OF UAV AEROACOUSTICS	EXPERIMENTAL STUDY OF DYNAMIC PARAMETERS OF COMPLEX PIPELINE SYSTEM
Petr Moshkov. 16 Paper No. 346/2021 16	Antonina Sekacheva, Lilia Pastukhova, Alexander Noskov 65 Paper No. 356/2021
ANALYSIS OF THE AIRPORT NOISE IMPACT ON THE OCCU- RRENCE OF EMERGENCY SITUATIONS	HIGHWAY RECREATION AREAS NOISE PROTECTION AS A ROAD SAFETY IMPROVING FACTOR
Alexey Shvetsov, Viktor Gromov 22 Paper No. 347/2021	Danil Bazarov, Yuri Elkin, Alexey Abramov, Oleg Gogiberidze 73 Paper No. 357/2021
DETERMINATION OF THE IMPEDANCE OF A HONEYCOMB RESONATOR BY DEAN'S METHOD AND DIRECT METHOD IN A COMPUTATIONAL EXPERIMENT WITH GRAZING IN-	IMPORTANT FACTOR IN GENERATING ACOUSTIC ENVIRONMENT WITHIN THE TERRITORIES ADJACENT TO HIGHWAYS
CIDENCE OF WAVES Igor Khramtsov, Vadim Palchikovskiy, Oleg Kustov 25	Tatyana Germanova 79 Paper No. 358/2021
Paper No. 348/2021	METHOD FOR ESTABLISHING THE SEVENTH SUBZONE OF
CONTRIBUTION OF NON-ISOTHERMAL JETS TO THE PRO- CESSES OF NOISE GENERATION OF ENERGY MACHINES WHEN INSTALLING SILENCERS	THE AERODROME AREA Dmitrii Koshurnikov, Mikhail Kartyshev Paper No. 359/2021
Aleksandr Shashurin, Nickolay Ivanov, Andrey Vasilyev, Yuri Elkin, Zhenish Razakov 30 Paper No. 349/2021	MODEL VALIDATION OF THE ACOUSTIC SYSTEMS "TO- OTH WHEELS-MANDRELS" OF THE VERTICAL GEAR GE- NERATOR AND GEAR SHAPING MACHINES
DESIGNING OF RRJ-95NEW-100 AIRCRAFT WITH REGARD TO CABIN NOISE REQUIREMENTS Kirill Kuznetsov, Vladimir Lavrov, Petr Moshkov, Victor Rubanovs-	Sergey Ryzhov, Tatiana Finochenko, Alexander Chukarin, Ivan Yaitskov 90 Paper No. 360/2021
ky 34 Paper No. 350/2021	NOISE REDUCTION AT WORKPLACE IN CONSTRUCTION Marina Butorina, Nickolay Ivanov, Alisa Troshchinina 94
COMPREHENSIVE ASSESSMENT OF THE IMPACT OF AIR NOISE AND DUST ON FOUNDRY OPERATORS	Paper No. 361/2021
Lyudmila Drozdova, Vyacheslav Manokhin, Elena Golovina, Alexander Kudaev 40	NUMERICAL SIMULATION OF THE LIGHT AIRCRAFT PRO- PELLER NOISE UNDER STATIC CONDITION
Paper No. 351/2021	Sergey Timushev, Alexey Yakovlev, Petr Moshkov 100 Paper No. 362/2021
CALCULATIONS FOR EVALUATING THE ACOUSTIC EFFICI- ENCY OF MEASURES TO REDUCE PULSE NOISE IN INDUS- TRIAL PREMISES	PRACTICAL METHODS OF ACOUSTIC MATERIALS PATTERNING FOR INCREASE OF THEIR EFFECTIVENESS

Alexander Antonov, Irina Matveeva, Igor Shubin, Ilya Tsukernikov

Paper No. 352/2021

Aleksandr Krasnov, Igor Deryabin

Paper No. 363/2021

107

REDUCING THE NOISE LOAD	ON WILDLIFE DURING	SCI-
ENTIFIC EXPEDITIONS		

Alexey Shvetsov 112 Paper No. 364/2021

REGRESSION ANALYSIS OF THE COEFFICIENTS OF VIBRA-TION ENERGY LOSSES IN GAS-DISCHARGE SYSTEMS OF POWER PLANTS

Aleksandr Chukarin, Alexey Fedenko, Aleksandr Shashurin, Viktoriia Vasilyeva 115 Paper No. 365/2021

RESEARCH TO IMPROVE POWERTRAIN NOISE, VIBRAT ION AND HARSHNESS CHARACTERISTICS

Rakhmatdzhon Rakhmatov, Vitaliy Krutolapov, Vladimir Galevko, Sergey Gaslov, Aleksandr Bokarev, Dmitriy Butuzov 119 Paper No. 366/2021

SANITARY PROTECTION ZONES BY NOISE FACTOR FROM GAS DISTRIBUTION POINTS

Vladimir Tupov, Vitaliy Skvortsov 133 Paper No. 367/2021

SELECTION OF TURBULENCE MODEL IN ANSYS CFX FOR INVESTIGATION OF TURBULENT NOISE AND VIBRATION OCCURRING IN INTERSCAPULAR SPACE OF THE CENTRIFUGAL TURBINE

Antonina Sekacheva, Anatoly Khait, Alexander Noskov, Lilia Pastukhova 137 Paper No. 368/2021

SEPARATION OF THE CONTRIBUTIONS OF "OWN" AND "SHIFT" NOISE AND DETERMINATION OF GAS-DYNAMIC AND ACOUSTIC PARAMETERS OF SILENCERS

Aleksandr Shashurin, Nickolay Ivanov, Anna Lubyanchenko, Viktoriia Vasilyeva 150 Paper No. 369/2021

SOUND PROPAGATION THROUGH STRUCTURAL COMPONENTS UNDER CONDITIONS OF NON-RIGID CONTACT AT THE BOUNDARIES BETWEEN THEM

Konstantin Abbakumov, Anton Vagin, Alena Vjuginova 155 Paper No. 370/2021

ATTENUATION OF THE INPUT SIGNAL BY PROTECTIVE AND FIXING TOOLS FOR HEARING AIDS AND COCHLEAR IMPLANTS

Gaziz Tufatulin, Sergei Levin, Inna Koroleva, Viktoriia Vasilyeva, Elena Levina 163 Paper No. 371/2021

THE SENSITIVITY ESTIMATION FOR THE ULTRASONIC ANGULAR VELOCITY SENSORS

Nikolay Akhremenko, Yasemin Durukan, Ekaterina Popkova, Mikhail Shevelko 168 Paper No. 372/2021

THEORETICAL ANALYSIS ON REGULARITIES OF THE PRO-CESS OF NOISE GENERATION OF PLANING, SLOTTING AND PLANING-MILLING MACHINES

Alexander Chukarin, Besarion Meskhi, David Shoniya 173 Paper No. 373/2021

THEORETICAL RESEARCH OF THE SWITCHED RELUCTAN-CE MOTOR VIBROACOUSTIC ACTIVITY

Natalya Yaitskova, Maxim Tchavychalov, Ivan Yaitskov 178 Paper No. 374/2021

THEORETICAL STUDY OF NOISE GENERATION DURING DRILLING OF WOOD WORKPIECES WITH REGARD TO THE DRILL FEED RATE

Dmitry Ruslyakov 183 Paper No. 375/2021

TRAFFIC CONTROL AT THE AIRPORT BASED ON ACOUSTIC SCANNING

Alexey Shvetsov, Viktor Gromov 186

Paper No. 376/2021

THEORETICAL RESEARCH STUDIES OF REGULARITIES FORMATION OF ACOUSTIC CHARACTERISTICS FOR THREADING AND SPLINE SHAFT MILLING MACHINE

Alexander Nabokov, Ivan Yaitskov, Alexander Chukarin 189 Paper No. 377/2021

TRAFFIC NOISE ANALYSIS IN THE URBAN ENVIRONMENT Yuri Kholopov, Elena Lukeniuk, Bela Musatkina, Inna Denisova

Paper No. 378/2021

ANALYSIS OF METHODS AND PRESENTATION OF RESULTS OF EXPERIMENTAL RESEARCH OF LOW FREQUENCY GAS DYNAMIC PULSATIONS IN PIPELINES OF POWER PLANTS

Andrey Vasilyev 200 Paper No. 379/2021

ANALYSIS OF THE FACTORS DECREASING THE EFFICIEN-CY OF OPERATION OF ACTIVE NOISE AND VIBRATION CONTROL SYSTEMS IN DUCTS AND THE WAYS OF IMPRO-VEMENT OF PROTECTION

Andrey Vasilyev 205 Paper No. 380/2021

DETERMINATION OF THE INFLUENCE OF STRUCTURAL ELEMENTS ON ACOUSTIC EFFICIENCY AND BACK PRESSURE IN EXHAUST AND SUCTION NOISE SILENCERS

Nickolay Ivanov, Aleksandr Shashurin, Aleksandr Burakov 210 Paper No. 381/2021

FEATURES OF NOISE REDUCTION IN GAS PATHS OF BOILERS DURING CONDENSATION OF WATER VAPOR FROM FLUE GASES

Evgenii Zhuravlev, Dmitry Chugunkov, Galina Seyfelmlyukova

217

Paper No. 382/2021