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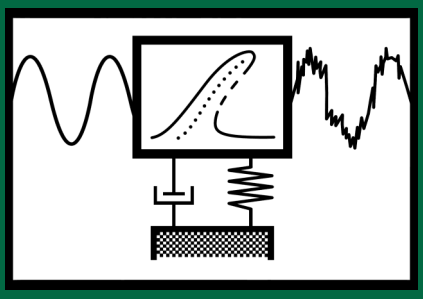

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VP Vibroengineering PROCEDIA

Vibroengineering PROCEDIA Volume 3 contains papers presented at the International Conference "Vibroengineering – 2014" held in Katowice, Poland, 13-15 October, 2014.

Aims and Scope

Original papers containing developments in vibroengineering of dynamical systems (macro-, micro-, nano- mechanical, mechatronic, biomechanics and etc. systems).

The following subjects are principal topics:

Vibration and wave processes;
Vibration and wave technologies;
Nonlinear vibrations;
Vibroshock systems;
Generation of vibrations and waves;
Vibrostabilization;
Transformation of motion by vibrations and waves;
Dynamics of intelligent mechanical systems;
Vibration control, identification, diagnostics and monitoring.

All published papers are peer reviewed.

General Requirements

The authors must ensure that the paper presents an original unpublished work which is not under consideration for publication elsewhere.

The following structure of the manuscript is recommended: abstract, keywords, nomenclature, introduction, main text, results, conclusions and references. Manuscript should be single-spaced, one column 162×240 mm format, using Microsoft Word 2007 or higher. Margins: top 10 mm, bottom 10 mm, left 15 mm, right 10 mm, header 4 mm, footer 7 mm.

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[1] Pain H. J. The Physics of Vibrations and Waves. Chichester: John Wiley and Sons, 2005.

[2] Juška V., Svilainis L., Dumbrava V. Analysis of piezomotor driver for laser beam deflection. Journal of Vibroengineering, Vol. 11, Issue 1, 2009, p. 17-26.

The authors are responsible for the correctness of the English language.

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Contents

DYNAMIC MODEL OF A CHAINSAW **1**
L. PEŠÍK, A. SKAROLEK

MEASUREMENT SYSTEM FOR ANALYSIS OF AUTOGYRO ROTOR IMBALANCE **5**
D. VAINILAVIČIUS, V. AUGUTIS, M. MALCIUS, A.BEZARAS

IMPROVEMENT OF DAMAGE IDENTIFICATION ABILITY IN COMPOSITE STRUCTURES USING 2D UNDECIMATED FRACTIONAL WAVELET TRANSFORM **9**
ANDRZEJ KATUNIN

APPLICATION OF THE VIBRATION SIGNAL IN THE DIAGNOSIS OF THE VALVE CLEARANCE OF AN INTERNAL COMBUSTION ENGINE **14**
ŁUKASZ JEDLIŃSKI, JACEK CABAN, LESZEK KRZYWONOS, SŁAWOMIR WIERZBICKI, FRANTIŠEK BRUMERČÍK

NONLINEAR DYNAMICS OF A TWO-STAGE GEAR SYSTEM WITH CONSIDERATION GIVEN TO THE TORSIONAL STIFFNESS OF THE COUNTERSHAFT **20**
MARIUSZ KUCZAJ, KRZYSZTOF FILIPOWICZ

DIAGONAL DRIVELINE AS A CONCEPTION OF 4×4 PROPULSION OPTIMIZATION FOR SPECIAL VEHICLES **25**
ANDRZEJ BAIER, JERZY MYDLARZ, MICHAŁ MAJZNER

HYDRODYNAMIC EXCITER CONTROL FOR DURABILITY ANALYSIS **29**
JAN PETŘÍK, ALEŠ LUFINKA

APPLICATION OF FMEA TO ASSESSING THE QUALITY OF MEASUREMENT MODULES **33**
KRZYSZTOF ŁASIŃSKI

USE OF TWO DRAG COEFFICIENT CONCEPT FOR THE INVESTIGATION OF FLAPPING WINGS DYNAMICS **39**
ABDESSEMED AHMED CHAOUKI, VIBA JANIS

RESEARCH ON VIBRATION SOURCE SEPARATION OF THE STIRLING ENGINE BASED ON THE FAST ICA ALGORITHM **44**
BOHDAN BOROWIK, IGOR P. KURYTNIK, BARBARA BOROWIK

ESTIMATION OF DAMPING MODEL CORRECTNESS USING EXPERIMENTAL MODAL ANALYSIS **50**
NIKOLAEV S., VORONOV S., KISELEV I.

R&D OF HIGH RESOLUTION ROTARY TABLE BASED ON THE ULTRASONIC STANDING WAVES 55
I. GRYBAS, R. BANSEVIČIUS, A. BUBULIS, V. JŪRĖNAS, J. JANUTĖNAITĖ, G. KULVIETIS

INTRAVASCULAR STENT MOTOR POWERED BY ULTRASONIC IRRADIATION 59
S. TOYAMA, U. NISHIZAWA, T. OOHASHI

MODELLING AND FREQUENCY ANALYSIS OF SEMI-ACTIVE CONTROLLED SUSPENSION SYSTEMS OF AN AUTOMOBILE 64
JUAN SEBASTIAN NÚÑEZ, LUIS ERNESTO MUÑOZ

MULTI-OBJECTIVE OPTIMIZATION OF THE GEOMETRY OF A DOUBLE WISHBONE SUSPENSION SYSTEM 70
JUAN C. BLANCO, LUIS E. MUNOZ

THE INFLUENCE OF VOLUMETRIC PERFORMANCE SETTINGS OF A MULTI-PISTON PUMP ON PARAMETERS OF FORCED VIBRATIONS 76
KLAUDIUSZ KLARECKI, DOMINIK RABSZTYN, MARIUSZ PIOTR HETMANCZYK

MULTI-CRITERIA OPTIMIZATION OF THE DITHER CURRENT INTENSITY IN THE CASE OF PROPORTIONAL VALVE 82
KLAUDIUSZ KLARECKI, DOMINIK RABSZTYN, MARIUSZ PIOTR HETMANCZYK

BEARINGS DAMAGE DETECTION IN PRESENCE OF HEAVY NON-GAUSSIAN NOISE VIA CYCLO-STATIONARY ANALYSIS 88
RADOSLAW ZIMROZ, JAKUB OBUCHOWSKI, AGNIESZKA WYŁOMAŃSKA

EXPERIMENTAL RESEARCH ON INSTABILITY FAULT OF HIGH-SPEED AEROSTATIC BEARING-ROTOR SYSTEM 93
DONGJIANG HAN, CHANGLIANG TANG, JINFU YANG, LONG HAO

AN ALGORITHM FOR AUTOMATIC ADJUSTMENT OF THE VIBRATIONAL TECHNOLOGICAL MACHINE TO THE RESONANT REGIME 100
GRIGORY PANOVKO, ALEXANDER SHOKHIN, SERGEY EREMEYKIN

APPLICATION OF SAFETY AND COMMUNICATION MODULES AS AN INTEGRATED INTELLIGENT SYSTEM IN RAIL VEHICLES 105
TOMASZ HEJCZYK, BARTŁOMIEJ WSZOŁEK, ADAM GAŁUSZKA, JAKUB MŁYŃCZAK, RAFAŁ BURDZIK

VIBRATION VELOCITY RMS IN ONLINE MONITORING SYSTEMS – FREQUENCY SPECTRA BASED ALGORITHM APPROACH 111
PAWEŁ KĘPSKI, BARTŁOMIEJ GREŃ, TOMASZ BARSZCZ

ENERGY EFFICIENCY OF PASSIVE VIBROISOLATION IN MACHINES AND DEVICES 117
MARIAN WITALIS DOBRY

ACOUSTIC WAVE SYNTHESIS IN DISPERSIVE MEDIA 124
E. VAŠTAKAS, D. GAILIUS, V. AUGUTIS

R&D OF SYSTEM FOR MECHANICAL IMPACT GENERATION 128
DARIUS EIDUKYNAS, VYTAUTAS JURENAS, DARIUS MAZEIKA

NON-STATIONARY VIBRATION STUDYING BASED ON SINGULAR SPECTRUM ANALYSIS 133
S. POLUKOSHKO, G. HILKEVICA, V. GONCA

GLOBAL ANALYSIS OF THE NONLINEAR DUFFING-VAN DER POL TYPE EQUATION BY A BIFURCATION THEORY AND COMPLETE BIFURCATION GROUPS METHOD 139
RAISA SMIRNOVA, MIKHAIL ZAKRZHEVSKY, IGOR SCHUKIN

CONTROL VIBRATING DEVICE HEXAPOD – VERIFICATION MEASUREMENTS IN THE CAR AND THE HEXAPOD 144
RUDOLF MARTONKA, VITEZSLAV FLIEGEL

DIGITAL VIBROACOUSTIC SIGNAL PROCESSING FOR COMBUSTIONS IN HEAVY-DUTY DIESEL ENGINE FOR OPERATIONAL AND ENVIRONMENTAL MACHINE EFFICIENCY 148
JERZY MERKISZ, MAREK WALIGÓRSKI

CHAOTIC ATTRACTORS IN THE SOFT DRIVEN TRILINEAR SYSTEM 154
IGOR SCHUKIN, MIKHAIL ZAKRZHEVSKY

INVESTIGATION ON NOISE RADIATION TO STRUCTURE VIBRATION CORRELATION IN VIBROACOUSTIC OF TRANSFORMER **160**
MICHAL KOZUPA, GRZEGORZ KMITA

CRITICAL STATES OF CARBON FIBER DRIVE SHAFTS **165**
PIOTR DEUSZKIEWICZ

REVISITING THE MODELS OF VIBRATION SCREENING PROCESS **169**
ILIYA I. BLEKHMAN, LEONID I. BLEKHMAN, LEONID A. VAISBERG, KIRILL S. IVANOV

INCREASE OF PRODUCTIVITY IN BRITTLE MATERIAL PROCESSING BY THE APPLICATION OF INTERMEDIATE ELASTIC ELEMENTS IN TOOL STRUCTURE **175**
I. LUGOVOJ, V. MINCHENYA, G. BAURIENĖ, A. BUBULIS, K. PILKAUSKAS

VIBRATION REDUCTION OF CABLE-STAYED BRIDGE MODEL RETROFITTED WITH SMA RESTRAINERS **180**
ARTUR ZBICIAK, RAFAŁ MICHALCZYK, RADOSŁAW OLESZEK

THE CONCEPT OF FATIGUE TEST OF COMPOSITE MATERIALS **186**
KRZYSZTOF JAMROZIAK, MARIUSZ KOSOBUDZKI, MICHAŁ MAJZNER

STUDY OF DYNAMIC PROPERTIES OF COMPOSITE FLEXSPLINES OF HARMONIC DRIVES **190**
PIOTR FOLĘGA

PROBLEM OF IDENTIFICATION OF NONLINEAR DYNAMIC MODELS FOR DIAGNOSTIC TASK **195**
ZBIGNIEW DABROWSKI

THE DETERMINING OF THE DAMPING CHARACTERISTICS OF HYDROPNEUMATIC SUSPENSION STRUT ON TEST STAND **199**
ŁUKASZ KONIECZNY

OPTICAL EVALUATION OF PERIODICAL MICROSTRUCTURE, REPLICATED USING ULTRASONIC HOT IMPRINT, ACCORDING TO PROCESS REGIMES **204**
ROKAS ŠAKALYS, GIEDRIUS JANUŠAS, ARVYDAS PALEVIČIUS, ELINGAS ČEKAS

DESIGN AND COMPUTER SIMULATION OF ECO-CAR **209**
WLODZIMIERZ CHOROMANSKI, MACIEJ KOZŁOWSKI, IWONA GRABAREK

VIBRATION SURVEILLANCE FOR EFFICIENT MILLING OF FLEXIBLE DETAILS FIXED IN ADJUSTABLE STIFFNESS HOLDER **215**
KRZYSZTOF KALIŃSKI, MAREK CHODNICKI, MAREK GALEWSKI, MICHAŁ MAZUR

INFLUENCE OF TIRE STIFFNESS ON ACCELERATION OF WHEEL IN FORCED VIBRATION TEST METHOD **219**
RAFAL BURDZIK, ŁUKASZ KONIECZNY, PIOTR CZECH, JAN WARCZEK, GRZEGORZ WOJNAR

IDENTIFICATION OF THE PARAMETERS OF VISCO-ELASTIC MODEL OF THE HYDRAULIC VIBRATION ABSORBER **224**
JAN WARCZEK, JAKUB MŁYŃCZAK, RAFAL BURDZIK, ŁUKASZ KONIECZNY

RESEARCH OF TORSIONAL VIBRATION OF THE INTERNAL COMBUSTION ENGINE'S CRANKSHAFT WITH VARIOUS DAMPERS (TVD) **229**
JAROSŁAW PANKIEWICZ, MACIEJ ZAWISZA

THE OPTIMIZATION OF THE PARAMETERS OF THE ENERGY RECOVERY DEVICE FROM VIBRATION OF A VEHICLE SUSPENSION **233**
WOJCIECH SKARKA, MATEUSZ TYCZKA, PIOTR PRZYSTAŁKA

PIEZOELECTRIC ACTUATORS AND THEIR APPLICATION IN PRECISE-POSITIONING SYSTEMS AND SPACE STRUCTURES **238**
ALGIMANTAS FEDARAVICIUS, SAULIUS RACKAUSKAS, ARVYDAS SURVILA, KAZIMIERAS RAGULSKIS, LAIMA PATASIENE

VIBROACOUSTIC DIAGNOSTICS OF POWER TRANSFORMERS IN A STEADY AND TRANSIENT STATE **243**
EUGENIUSZ KORNATOWSKI, SZYMON BANASZAK

THE CONSTRUCTIONAL SOLUTIONS FOR ABSORPTION OF VIBRATION IN SPECIAL VEHICLES OPERATED IN TERRAIN 249
TOMASZ OSTROWSKI, PAULINA NOGOWCZYK, RAFAŁ BURDZIK

FINITE AMPLITUDE PRESSURE WAVE PROPAGATION IN CHEMICALLY ACTIVE HETEROGENEOUS MEDIUMS 254
ANATOLI VAKHGUELT

NUMERICAL ANALYSIS OF THE VOLUME AND THE ENERGY VALUE OF A POOL OF PEAT 258
MANTAS LANDAUSKAS, ANTANAS SUDINTAS, JURATE RAGULSKIENE, GIEDRIUS KAVALIAUSKAS

DYNAMICS OF VIBROPROTECTING SYSTEM WHEN USING CONTROLLED DAMPING FLUIDS WITH HEREDITARY FACTOR 262
G. N. REIZINA, A. BUBULIS, E. V. KOROBKO, G. K. VORONOVICH

IDENTIFICATION OF KINEMATIC EXCITATION FUNCTION BY STRUCTURAL ANALYSIS OF THE SYSTEM'S DYNAMIC 267
KRZYSZTOF J. KALIŃSKI, MICHAŁ MAZUR

DIAGNOSTICS OF RAILWAY VEHICLE BASED ON DYNAMICAL RESPONSE MEASUREMENT 272
ALEŠ HÁBA, JAROMÍR ZELENKA, MICHAL MUSIL, JAKUB VÁGNER, MARTIN KOHOUT, PETR HAVLÍČEK

ELECTROACOUSTIC METHODS OF DETERMINING THE PARAMETERS OF SPEECH SOUND GENERATOR 278
MACIEJ KŁACZYŃSKI, WIESŁAW WSZOŁEK

QUALITY ASSESSMENT OF BOOK COVERS USING SHADOW MOIRÉ TECHNIQUE 283
JŪRATĖ RAGULSKIENĖ, PAULIUS PALEVIČIUS, RIMAS MASKELIUNAS, JONAS STANKUNAS, VYTAUTAS MASKELIUNAS

NUMERICAL ANALYSIS OF CAST PARTIALS USING THE FINITE ELEMENT METHOD 288
MAREK KUCHTA, MIROSŁAW SIERGIEJCZYK, JACEK PAŚ

ANALYSIS OF SWIMMER'S HAND VELOCITY, ORIENTATION AND SHAPE USING COMPUTATIONAL FLUID DYNAMICS 292
MILDA BILINAUSKAITE, VISHVESHWAR RAJENDRA MANTHA, PRANAS ZILIUKAS, ANTONIO JOSE SILVA

ATTEMPT TO EVALUATE THE TECHNICAL CONDITION OF THE ROLLERS OF THE BELT CONVEYOR BY VIBRATION MEASUREMENTS 296
GRZEGORZ PERUŃ

STUDIES OF ACOUSTIC FIELD AND FAN HOUSING INTERACTION AND TRANSFORMATIONS 300
VITALIJUS VOLKOVAS, ROBERTAS MIKALAUSKAS, EVALDAS ČERNIAUSKAS

VIBRATION CONTROL FOR AN EXPERIMENTAL OFF-ROAD VEHICLE USING MAGNETORHEOLOGICAL DAMPERS 306
PIOTR KRAUZE, JERZY KASPRZYK

LOW FREQUENCY TRAFFIC NOISE PREDICTION AND MODELLING OF NOISE BARRIERS USING FEM 313
DARIUS SALIUNAS, VITALIJUS VOLKOVAS

BUCKLING STABILITY OF MULTILAYERED RUBBER-METAL VIBRATION ISOLATOR 319
VLADIMIRS GONCA, SVETLANA POLUKOSHKO

STUDY ON DYNAMICAL CHARACTERISTICS OF ELECTROCARDIOGRAPHIC PARAMETERS DURING PHYSICAL LOAD 326
VIRGINIJA BERTAŠIŪTĖ, ALGĖ DAUNORAVIČIENĖ, KRISTINA BERŠKIENĖ, ROZA JOFFE, ALFONSAS VAINORAS

ESTIMATION OF PERFORMANCE CHARACTERISTICS OF A CONTROLLED SHOCK-ABSORBER AFFECTED BY THE MAGNETIC FIELD AND TEMPERATURE ON RHEOLOGICAL PROPERTIES OF THE MAGNETORHEOLOGICAL FLUID 331
VIACHASLAU BILYK, EUGENIA KOROBKO, ALGIMANTAS BUBULIS

GROUND VIBRATION STUDY UNDER COORDINATE MEASURING MACHINES USING SHORT-TIME SIGNAL PROCESSING TECHNIQUES 337
ROMAN BARCZEWSKI

STRENGTH AND VERTICAL JUMPING PERFORMANCE CHARACTERISTICS 341
GINAS CIZAUSKAS, IRINA KLIZIENE, SARUNAS KLIZAS, SAULE SIPAVICIENE

ANALYSIS OF THE IMPACT OF SELECTED ANTHROPOMETRIC PARAMETERS ON THE PROPAGATION OF VERTICAL VIBRATION IN THE BODY OF A SEATED PERSON (DRIVER) 346
ANDRZEJ ZUSKA, TOMASZ LECH STAŃCZYK

LOOKING FOR A VIBRATIONAL MEASURE OF VEHICLE POWERTRAIN DAMAGE USING MULTIFRACTAL ANALYSIS 351
ANDRZEJ PUCHALSKI, IWONA KOMORSKA

ANALYSIS OF THE PRESSURE WAVE PARAMETERS CAUSED BY TNT UNDERWATER EXPLOSION FORCED ON THE HULL OF MINEHUNTER 357
GRZĄDZIELA ANDRZEJ, KICIŃSKI RADOSŁAW, SZTUROMSKI BOGDAN

KINEMATICS OF CONCURRENT VIBRATORY ROLLING – SCREW SYSTEM ON THE EXAMPLE OF SCREEN 362
WOJCIECH POĆWIARDOWSKI, PIOTR WODZINSKI, JOANNA KANIEWSKA

DYNAMIC AND CONTROL ANALYSIS OF A SMART ROTOR BY COMBINING THE ANSYS AND MATLAB SOFTWARE 368
PIOTR CUPIAŁ, MATEUSZ KOZIOŁ

CORRELATION ANALYSIS OF VIBRATIONTIME HISTORY OF SHAFT LINES FOR DRIVE UNITS OF SHIPS USED FOR NAVAL MINES DISARMAMENT 372
JANUSZ MUSIAŁ, MICHAŁ PAJĄK, ŁUKASZ MUŚLEWSKI, MARCIN KLUCZYK

CONDITION MONITORING OF THE CAM CHAIN TENSIONER IN THE MOTORCYCLE ENGINE 376
TOMASZ FIGLUS, ANDRZEJ WILK, ŠTEFAN LIŠČÁK

MACHINE VIBRATIONS ANALYSIS WORKING IN NON-STATIONARY STATES 380
WITOLD CIOCH

THE POSSIBILITY TO USE A VIBRATION SIGNAL TO ESTIMATE FRICTION PROCESSES IN SLIDING COUPLINGS 383
WOJCIECH NAPADŁEK, GRZEGORZ TRAWIŃSKI, GRZEGORZ BORUTA, CHRZANOWSKI WOJCIECH

NEW DYNAMICS CONCEPTS FOR VIBRATION-BASED DAMAGE DETECTION: WAVELET MODAL CURVATURES 389
M. S. CAO

CAST PARTIALS ANALYSIS USING A PROPRIETARY TEST STATION 395
MAREK KUCHTA, JACEK PAŚ, MIROSŁAW SIERGIEJCZYK

THE POSSIBILITY TO USE A VIBRATION SIGNAL TO ESTIMATE A STATE OF ROLLING BEARINGS AFTER OPERATION 399
WOJCIECH NAPADŁEK, GRZEGORZ TRAWIŃSKI, GRZEGORZ BORUTA

ANALYSIS OF VIBRATION TIME HISTORIES IN THE TIME DOMAIN FOR PROPULSION SYSTEMS OF SELECTED ENGINEERING OBJECTS 403
ŁUKASZ MUŚLEWSKI, MICHAŁ PAJĄK, ANDRZEJ GRZĄDZIELA, JANUSZ MUSIAŁ

RESEARCH ON VIBROACOUSTIC PHENOMENA OF TRAM VEHICLES FOR THE CHANGEABLE DYNAMICS CONDITIONS 408
RAFAŁ BURDZIK, TOMASZ KUMINEK, ADAM MAŃKA, JAKUB MŁYŃCZAK, JERZY MIKULSKI

ENVIBRA TEST AND MEASUREMENT 413

EC TEST SYSTEMS 414