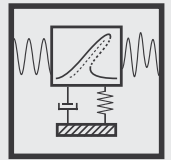


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# Vibroengineering Procedia



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# VP Vibroengineering PROCEEDIA

Vibroengineering PROCEEDIA Volume 49 contains papers presented at the 63rd International Conference on Vibroengineering in Shanghai, China, May 18, 2023. The main theme of the Conference is “Noise, Vibration and Harshness and Condition Based Monitoring”.

## Aims and Scope

Journal publishes original papers presenting the state of the art in vibroengineering of dynamical systems.

The list of principal topics:

- Measurements in engineering
- Mathematical models in engineering
- Acoustics, noise control and engineering applications
- Mechanical vibrations and applications
- Fault diagnosis based on vibration signal analysis
- Vibration control, generation and harvesting
- Seismic engineering and applications
- Modal analysis and applications
- Vibration in transportation engineering
- Flow induced structural vibrations
- Oscillations in biomedical engineering
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## 63rd International Conference on VIBROENGINEERING

May 18, 2023, in Shanghai, China

The main theme of the conference: **Noise, Vibration and Harshness and Condition Based Monitoring**

### General Topics of the Conference:

- Materials and Measurements in Engineering
- Mathematical Models in Engineering
- Acoustics, Noise Control and Engineering Applications
- Mechanical Vibrations and Applications
- Fault Diagnosis Based on Vibration Signal Analysis
- Vibration Generation and Control
- Seismic Engineering and Applications
- Modal Analysis and Applications
- Vibration in Transportation Engineering
- Flow-induced Structural Vibrations
- Biomechanics and Biomedical Engineering
- Chaos, Non-linear Dynamics and Applications
- Dynamics and Oscillations in Electrical and Electronics Engineering
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## Contents

### MECHANICAL VIBRATIONS AND APPLICATIONS

- VIBRATION REDUCTION DESIGN FOR A SHARED BEARING BORE OF A TURBOSHAFT ENGINE** 1  
YU LU, ZHEN HUAN TANG, FEI WANG
- DYNAMIC CHARACTERISTICS ANALYSIS OF A COAXIAL ROTOR SYSTEM WITH SHARED BEARING BORE STRUCTURE** 8  
YU LU, ZHEN HUAN TANG, FEI WANG
- SUBSTANTIATING THE EXCITATION CONDITIONS OF A TWO-MODULE VIBRATION-DRIVEN LOCOMOTION SYSTEM WITH TWO UNBALANCED ROTORS** 16  
VITALIY KORENDIY, ROSTYSLAV PREDKO, OLEH KOTSIUMBAS,  
VASYL LOZYNSKYI, IHOR NAZAR, MYKOLA OSTASHUK
- DYNAMIC MODELING AND ANALYSIS OF A VIBRATION-DRIVEN ROBOT DRIVEN BY A CONICAL DIELECTRIC ELASTOMER ACTUATOR** 23  
XIAOJIAN WANG, HONGGUANG LI
- CASE STUDY OF VIBRATION IN A MOBILE MILLING MACHINE** 30  
JAMES ROWE, CHRISTOPHER LANGRAND, ROGER DEBUCHY
- ANALYZING THE POSSIBILITIES OF GENERATING THE RECIPROCATING MOTION AND PLANE OSCILLATIONS OF A WORKING MEMBER OF A VIBRATORY LAPPING-POLISHING MACHINE** 38  
VITALIY KORENDIY, VIKTOR ZAKHAROV, IGOR KUZIO, VOLODYMYR BOROVETS,  
OLEKSANDR HAVRYLCHENKO, YAROSLAV DANYLO

### SEISMIC ENGINEERING AND APPLICATIONS

- SHAKING TABLE TEST ON THE DYNAMIC RESPONSES OF SHIELD TUNNEL IN LIQUEFIABLE STRATUM** 45  
YI FENG

<b>DYNAMIC RESPONSE OF TUNNEL THROUGH WATER-RICH LIQUEFIABLE LAYER BASED ON UBC3D-PLM MODEL</b>	<b>51</b>
YI FENG	
<b>SEISMIC RESPONSES OF FUNCTIONALLY GRADED CONCRETE PIERS WITH DOUBLE PLASTIC HINGES</b>	<b>56</b>
JIANGDONG DENG, FANG ZHANG	
<b>ANALYSIS OF GROUND MOTION MEASUREMENT DATA UNDER ENGINEERING BLASTING CONDITION</b>	<b>62</b>
SHIQIAN SONG, YONGXIANG SHI, ZENGYUE LI, XIAOFEI HUANG, YUANDING XING	
<b>MODAL ANALYSIS AND APPLICATIONS</b>	
<b>STUDY ON VIBRATION CHARACTERISTICS OF BADMINTON RACKET EMBEDDED IN ACOUSTIC BLACK HOLE STRUCTURE</b>	<b>67</b>
YUQI LI, RENQIANG JIAO, BEIPING ZHANG, BOWEN DONG, VANLIEM NGUYEN, AOYA LI	
<b>DYNAMICS ANALYSIS OF THE NONLINEAR ROTOR SYSTEM WITH GEISLINGER COUPLING</b>	<b>73</b>
JINHONG WANG, ZHENPING LI, HONGGUANG LI, WENDI ZHANG, KE BAO	
<b>VIBRATION IN TRANSPORTATION ENGINEERING</b>	
<b>RESEARCH OF THE OPERATION OF THE TURNSTILE SUPPORT-FASTENING DEVICE DURING THE TRANSPORTATION OF A LONG-DIMENSIONAL HEAVY LOAD</b>	<b>80</b>
JANAT MUSAYEV, VLADIMIR SOLONENKO, ALGAZY ZHAUYT, SEITBEK ZHUNISBEKOV, GULBARSHYN SMAILOVA, TOTY BUZAUOVA	
<b>DYNAMIC ANALYSIS ON THE STRUCTURE OF METRO STATION UNDER HIGH-SPEED RAILWAY LOAD</b>	<b>86</b>
WEIYING WANG, QUANQIANG HUANG, KE PAN, JINMEI LI	
<b>FATIGUE TEST STUDY OF WEATHERING STEEL-CONCRETE COMPOSITE BEAM UNDER CORROSIVE ENVIRONMENT</b>	<b>93</b>
NENGWU LIAO, LONGXIAN HUANG, HONG LI, XIANXI HU, BIN GUO, LIANGLIANG ZHANG	
<b>AN EMPIRICAL FORMULA FOR THE ACCUMULATIVE DEFORMATION OF SATURATED CLAY UNDER DIFFERENT CYCLIC LOADING FREQUENCIES</b>	<b>98</b>
QIANG BU, YING ZHOU, YANG ZHOU, LIANG WANG, LISHENG QIN, MINGJIE YANG	
<b>EFFECTIVE ACCELERATION DESIGN FOR SOLVING EXCESSIVE VIBRATION IN THE COCKPIT</b>	<b>104</b>
JUNCHENG SHU, ERMING HE, YONGZHI LI	
<b>FLOW INDUCED STRUCTURAL VIBRATIONS</b>	
<b>STUDY ON DYNAMICAL CHARACTERISTICS OF COOLING FLUID IN ENGINE PISTON</b>	<b>110</b>
XIAOQING CHEN	

<b>INVESTIGATION ON THE FLOW-INDUCED TANGENTIAL FORCE CHARACTERISTIC OF LABYRINTH SEALS UNDER DIFFERENT OPERATION PARAMETERS</b>	<b>117</b>
QIANLEI GU, JIANGANG YANG	
<b>FLUID-INDUCED VIBRATION ANALYSIS OF PIPE BASED ON THE TRANSFER MATRIX METHOD AND ADDED MASS, ADDED DAMPING ANALOGY METHOD</b>	<b>123</b>
CHAO GAO, YULONG ZHOU, SHUNFENG ZHANG, SHUANGXIA SHI, BIN XIAO, ZHIGANG LIU	
<b>BIOMECHANICS AND BIOMEDICAL ENGINEERING</b>	
<b>DESIGN AND RESEARCH OF SINGLE LEG WALKING MECHANISM OF QUADRUPED ROBOT</b>	<b>130</b>
RUIQIN HAO, CHENG GUO, ZEGUANG HAN, YU HAN	
<b>CHAOS, NONLINEAR DYNAMICS AND APPLICATIONS</b>	
<b>ON ATTRACTORS IN SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS ARISING IN MODELS OF GENETIC NETWORKS</b>	<b>136</b>
OLGA KOZLOVSKA, FELIX SADYRBAEV	
<b>DYNAMICS AND OSCILLATIONS IN ELECTRICAL AND ELECTRONICS ENGINEERING</b>	
<b>DEVELOPMENT OF A MULTI-LAYER CYLINDRICAL ROTATING ELECTRET GENERATOR WITH INCREASED POWER DENSIT</b>	<b>141</b>
YONGLING LU, ZHEN WANG, XUEQIONG ZHU, ZIQUAN LIU, HAI XUE, ZIYANG ZHANG	
<b>INFLUENCE OF AN EXTERNAL ALTERNATING ELECTROMAGNETIC FIELD ON CONVECTIVE FLOWS IN THE BATH OF AN ORE-THERMAL FURNACE DURING THE MELTING OF OXIDE REFRACTORY MATERIALS</b>	<b>147</b>
YERKESH ABDRAKHMANOV, GALYM KALIMBETOV	
<b>MATERIALS AND MEASUREMENTS IN ENGINEERING</b>	
<b>TO THE MECHANISM OF INFLUENCE OF AN ALTERNATING ELECTROMAGNETIC FIELD ON CRYSTALLIZATION PROCESS OF OXIDE REFRACTORY MELTS</b>	<b>153</b>
YERKESH ABDRAKHMANOV, ANARA YEGZEKOVA, ZHANYBEK KALIYEV	
<b>SIMULATION OF THE MEASUREMENT AND CONTROL SYSTEM OF THE ELECTROSTATIC SUSPENSION INERTIAL SENSOR</b>	<b>160</b>
JIANHE LIU, WENHAO HUANG, YUQI CHEN	
<b>RESEARCH ON MICROSTRUCTURE AND PROPERTIES OF Cu-0.41%Cr-0.20%Zr ALLOY AFTER SOLUTION-AGING TREATMENT</b>	<b>167</b>
MEI ZHAO, LING WANG, MENG LI, YUFEI CAO	
<b>RESEARCH ON THE INFLUENCE OF HIGH TEMPERATURE OXIDATION ENVIRONMENT ON THE PROPERTIES OF C/C COMPOSITE MATERIAL</b>	<b>174</b>
JINGYI ZHOU, ZHIHONG TAN, JIALE SHI	
<b>THE EFFECT OF AN OSMOTIC CRYSTALLINE SURFACE PROTECTANT AGENT ON THE PERFORMANCE OF CEMENT FLY ASH STABILIZED AEOLIAN SAND BASES</b>	<b>180</b>
CHANGFENG SUN, KE WANG	



<b>APPLICATION OF CPT TEST IN THE EVALUATION OF THE TEST EFFECT OF LIME SOIL COMPACTING PILE</b>	<b>186</b>
WENQIANG LI	
<b>IMPACT OF CEMENT AND FILLER-ASPHALT RATIO ON THE PROPERTIES OF ASPHALT MORTAR</b>	<b>192</b>
MEI SONG, SUINING ZHENG, HAICHEN MI, PENG XU, CHONGSHANG ZHANG	
<b>SYNTHESIS OF COPPER-DOPED INDIUM ZINC SULFIDE NANOSHEETS FOR HIGH EFFICIENCY PHOTOCATALYTIC HYDROGEN PRODUCTION</b>	<b>199</b>
LEI CHEN, ZONGWEN CHEN	
<b>UNCERTAIN OPTIMIZATION FOR COMPOSITE BASE PLATE OF MORTAR UNDER IMPACT LOAD</b>	<b>205</b>
FENGFENG WANG, GUOLAI YANG, FENGJIE XU	
<b>EVALUATION OF FAILURE CRITERIA FOR RESIDUAL TENSILE STRENGTH OF COMPOSITE LAMINATES WITH CIRCULAR HOLES</b>	<b>212</b>
BOTAO HU, XIANGMING CHEN, FANCHEN DENG, XIAOBO SUN	
<b>MATHEMATICAL MODELS IN ENGINEERING</b>	
<b>PITCH STABILITY OF OFFSHORE WASTE COLLECTION PLATFORM HULL WITH NACA FIN STABILIZERS</b>	<b>220</b>
ZIQI WEN, MINGQING SI, CHUN WANG, FUQIN YANG	
<b>OPTIMIZATION OF PROCESS PARAMETERS FOR ACID FRACTURING ASSISTED HERRINGBONE WELL SAGD</b>	<b>227</b>
XI YI, GUANGSHENG CAO, JIAQI TANG	
<b>NUMERICAL ANALYSIS OF RANDOM VIBRATION FATIGUE FOR A TYPICAL AIRBORNE EQUIPMENT</b>	<b>233</b>
MAN WANG	
<b>SYSTEM DYNAMICS IN MANUFACTURING SYSTEM MODELING</b>	
<b>THE STRUCTURAL DIMENSION PARAMETER OPTIMIZATION METHOD OF TAPERED ROLLER BEARINGS FOR WIND POWER GEARBOX</b>	<b>239</b>
RUIQIN HAO, YAN LI, ZEGUANG HAN, YU HAN	
<b>DYNAMICS OF SMART AND FUNCTIONALLY GRADED MATERIALS</b>	
<b>ENHANCING MODEL ESTIMATION ACCURACY AND CONVERGENCE RATE IN HYSTERESIS MODELING OF MFC ACTUATORS USING MODIFIED DIFFERENTIAL EVOLUTION ALGORITHM</b>	<b>246</b>
HAFIZ MUHAMMAD UMAR, RUICHEN YU, ZHIYUAN GAO, HESHENG ZHANG	



## SHORT DESCRIPTION ABOUT THIS CATEGORY

Vibroengineering is an abbreviation of two words: vibration and engineering. Vibration phenomena play an important role in a wide range of mechanical, structural, electromechanical systems. Vibration engineering covers such topics as mechanical vibrations and applications, fault diagnosis based on vibration signal analysis, seismic engineering, acoustics and noise control, energy harvesting and vibration generation.

Every consecutive Volume of Vibroengineering Procedia is dedicated to a separate conference in the series of International Conferences on Vibroengineering.