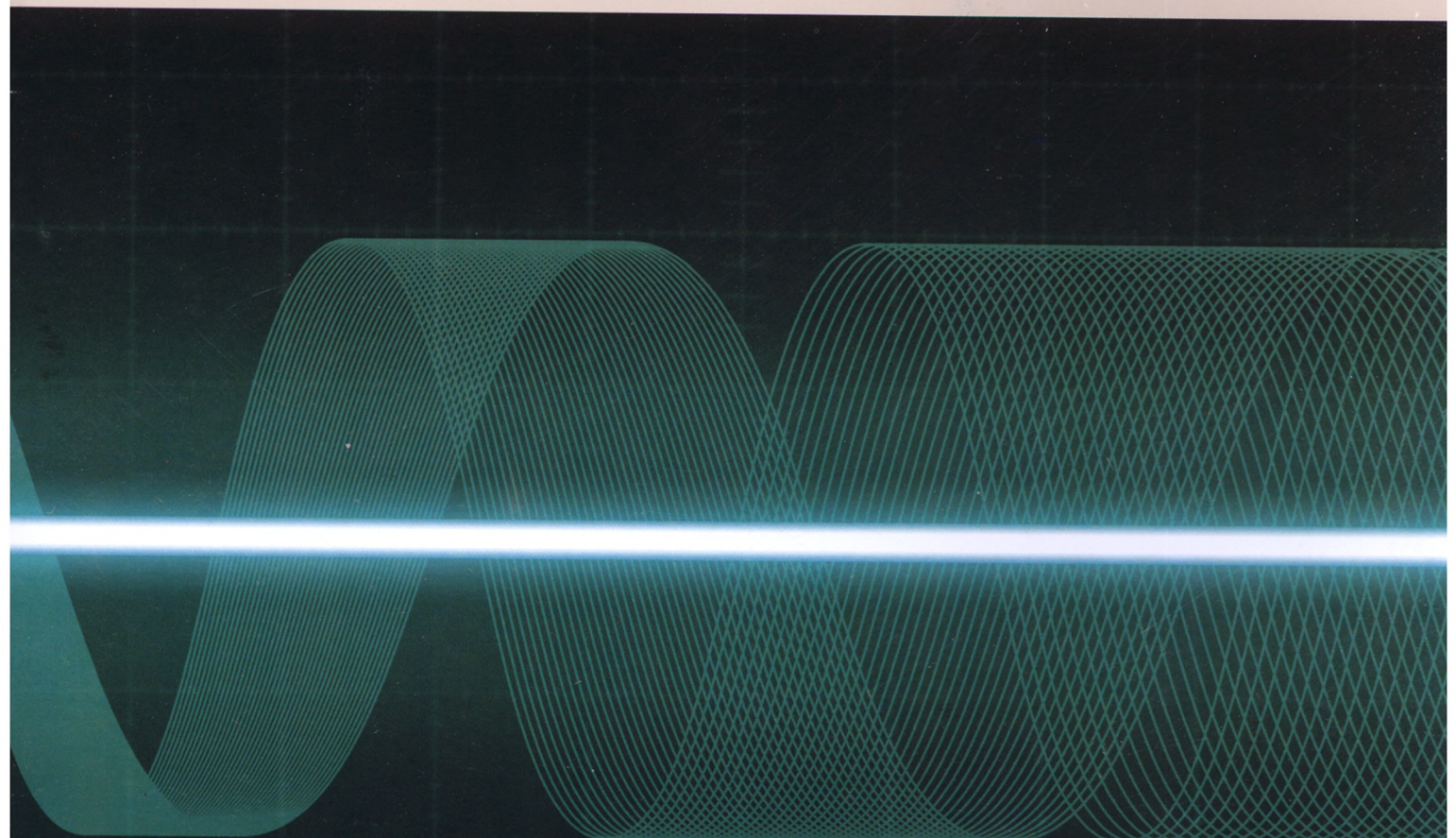


ISSN 1000-3835
CN 31-1316/TU

振动与冲击

JOURNAL OF VIBRATION AND SHOCK



ZHENDONG YU CHONGJI

半月刊 | 第31卷 | **22/2012**

ISSN 1000-3835



9 771000 383127

万方数据

中国振动工程学会
上海交通大学 主办
上海市振动工程学会

目 次

- 基于区域分解的圆锥壳-圆柱壳-圆锥壳组合结构自由振动 瞿叶高, 华宏星, 孟光, 等 (1)
- 尾流干涉及边界效应对两圆柱体涡激振动影响 黄维平, 魏东泽, 陈海明 (8)
- 层状岩质斜坡竖向动力响应特性的振动台试验研究 刘汉香, 许强, 邹威, 等 (13)
- 基于PVDF压电薄膜的大口径火炮弹底发射装药挤压应力测试方法 徐浩, 芮筱亭, 冯宾宾, 等 (20)
- 基于粗糙集与信息熵的不完备测试信息条件下故障诊断 陈利安, 肖明清, 赵鑫 (24)
- 基于一类支持向量机与主成分分析的转静碰摩故障检测技术 陈果 (29)
- 具有凹面外形的大跨屋盖结构风荷载分布及风洞试验研究 马文勇, 刘庆宽, 尉耀元 (34)
- 非线性隔振系统动力学特性分析的FFT多谐波平衡法 徐道临, 吕永建, 周加喜, 等 (39)
- 基于有限元软件OpenSEES的混合试验系统及试验验证 许国山, 郝伟, 陈永盛, 等 (45)
- 基于定子振动特性的汽轮发电机气隙偏心故障程度鉴定方法研究 何玉灵, 万书亭, 唐贵基, 等 (53)
- 基于专家系统的振动台振级调整算法研究 王志鹏, 何闻, 于梅, 等 (58)
- 车桥耦合振动迭代求解稳定性研究 杜宪亭, 夏禾, 张田 (62)
- 新型一体式悬架减振支柱行程相关刚度特性研究 江浩斌, 杜滢君, 叶燊辰 (66)
- 基于随机步行荷载和烦恼率的楼板振动舒适度评价方法研究 申选召, 滕军 (71)
- 圆形阻尼层合板的拓扑优化设计及其实验验证 刘远东, 尹益辉, 胡文军, 等 (76)
- 基于改进EMD与滑动峰态算法的滚动轴承故障特征提取 张志刚, 石晓辉, 陈哲明, 等 (80)
- 一类准方形截面超高层建筑顺风向气动阻尼 曹会兰, 全涌, 顾明 (84)
- 弹簧隔振基础中速磨煤机振动性态分析与动力优化 朱丽华, 彭志丰, 彭奕亮, 等 (90)
- 气泡与球鼻艏结构相互作用实验研究 王诗平, 程晓达, 张阿漫, 等 (96)
- 万方数据

- 考虑驱动力影响的轮胎侧向自激振动分析..... 赵愿玲, 左曙光 (101)
- 层状复合材料矩形截面圆柱螺旋弹簧自由振动特性研究..... 郝颖, 虞爱民 (105)
- 基于波叠加与统计最优近场声全息的单面声场分离技术..... 王冉, 陈进, 贾文强, 等 (112)
- 爆炸载荷作用下弹性结构动力可靠性研究..... 陈卫东, 陈浩, 于艳春 (118)
- 离心泵叶轮流体激励力研究..... 蒋爱华, 章艺, 靳思宇, 等 (123)
- 颗粒流中的冲击力..... 白光富, 胡林, 孔维姝 (128)
- 基于非线性动力学的自升式平台/船舶碰撞结构损伤分析..... 林一, 胡安康, 熊飞 (132)
- 基于 XFEM 的砼重力坝强震破坏模式及抗震安全评价..... 张社荣, 王高辉, 庞博慧, 等 (138)
- 内螺纹低频振动冷挤压振动加工装置动力学仿真分析..... 梁瑜轩, 黎向锋, 左敦稳, 等 (143)
- 罐式集装箱液体晃动过程数值模拟研究..... 孙丽娜, 周国发 (147)
- 具有复合材料柔性梁的无轴承旋翼气动弹性稳定性..... 高文杰, 吕冬青 (151)
- 基于 GA 优化控制规则的汽车主动悬架模糊 PID 控制..... 王威, 薛彦冰, 宋玉玲, 等 (157)
- 一种有效的空间齿轮传动系统振动测点选择方法..... 齐立群, 张广玉, 单小彪, 等 (163)
- 锥-柱组合壳体声辐射影响因素研究..... 魏应三, 王永生 (167)
- HOMS 面向远程诊断网络化专家工作站研究..... 杨贤, 李朝晖 (172)
- 液固两相流声发射检测系统设计及实验评价..... 刘刚, 陈超, 韩金良, 等 (178)
- 满足稳定性要求的行星轮系统工作转速区间确定方法..... 李同杰, 朱如鹏, 鲍和云, 等 (183)
- 冲击荷载下大型箱涵输水安全性的数值分析..... 崔激, 宋慧芳, 张社荣 (188)

CONTENTS

- A domain decomposition method for free vibration analysis of a joined conical-cylindrical-conical shell
 QU Ye-gao, HUA Hong-xing, MENG Guang, et al (1)
- Effects of wake interference and boandary effect on vortex-induced vibration of two tandem and side-by-side cylinders
 HUANG Wei-ping, WEI Dong-ze, CHEN Hai-ming (8)
- Shaking table test for vertical dynamic resonse behavior of layered rock slopes
 LIU Han-xiang, XU Qiang, ZOU Wei, et al (13)
- Measuring method for big area projectile base compression stress of propellant charge based PVDF piezoelectric film
 XU Hao, RUI Xiao-ting, FENG Bin-bin, et al (20)
- Fault diagnosis under condition of incomplete test information based on rough set and information entropy
 CHEN Li-an, XIAO Ming-qing, ZHAO Xin (24)
- Rotor-stator rubbing fault testing technique based on one-class support vector machine and primary component analysis
 CHEN Guo (29)
- Wind load distribution and wind tunnel test for a curved concave long-span roof
 MA Wen-yong, LIU Qing-kuan, WEI Yao-yuan (34)
- FFT multi-harmonic balance method for dynamic analysis of a nonlinear vibration isolation system
 XU Dao-lin, LÜ Yong-jian, ZHOU Jia-xi, et al (39)
- A hybrid testing system based on finite element software OpenSEES
 XU Guo-shan, HAO Wei, CHEN Yong-sheng, et al (45)
- Eccentric fault level identification of a turbo-generator based on stator vibration characteristics
 HE Yu-ling, WAN Shu-ting, TANG Gui-ji, et al (53)
- Vibration level adjustment algorithm for a vibration exoiter based on an expert system
 WANG Zhi-peng, HE Wen, YU Mei, et al (58)
- Numerical stability of iterative scheme in solving coupled vibration of a train-bridge system
 DU Xian-ting, XIA He, ZHANG Tian (62)
- Stroke-dependent stiffness characteristics of a new type of integrated suspension strut
 JIANG Hao-bin, DU Ying-jun, YE Shen-chen (66)
- Vibration serviceability assessment method for floor structures based on random walking force and annoyance rate
 SHEN Xuan-zhao, TENG Jun (71)
- Topologic Optimal design of a circular laminated damping plate with its experimental verification
 LIU Yuan-dong, YIN Yi-hui, HU Wen-jun, et al (76)
- Fault feature extraction of rolling element bearing based on improved EMD and sliding kurtosis algorithm
 ZHANG Zhi-gang, SHI Xiao-hui, CHEN Zhe-ming, et al (80)
- Along-wind aerodynamic damping of high-rise buildings with aerodynamically modified square cross-sections
 CAO Hui-lan, QUAN Yong, GU Ming (84)
- Vibration behavior analysis and dynamic optimization for a medium-speed mill with spring vibration-isolated foundation
 ZHU Li-hua, PENG Zhi-feng, PENG Yi-liang, et al (90)

-
- Tests for interaction of underwater bubbles and a ship bulbous bow
 WANG Shi-ping, CHENG Xiao-da, ZHANG A-man, et al (96)
- Lateral self-excited vibration analysis for a type considering driving force
 ZHAO Yuan-ling, ZUO Shu-guang (101)
- Free vibration behavior of laminated composite cylindrical helical springs with rectangular cross-section
 HAO Ying, YU Ai-min (105)
- Acoustic field separation technique with single holographic plane based on wave superposition algorithm and statistically optimal near-field acoustical holography WANG Ran, CHEN Jin, JIA Wen-qiang, et al (112)
- Dynamical reliability of an elastic structure subjected to explosion
 CHEN Wei-dong, CHEN Hao, YU Yan-chun (118)
- Fluid exciting forces of a centrifugal pump on impeller JIANG Ai-hua, ZHANG Yi, JIN Si-yu, et al (123)
- Impact force of granule Flow BAI Guang-fu, HU Lin, KONG Wei-shu (128)
- Structural damage analysis during collision between jack-up and ship based on non-linear dynamic method
 LIN Yi, HU An-kang, XIONG Fei (132)
- Seismic failure mode and safety evaluation for concrete gravity dams based on XFEM
 ZHANG She-rong, WANG Gao-hui, PANG Bo-hui, et al (138)
- Dynamic simulation for a vibration processing equipment of internal thread formed by cold extrusion based on low frequency vibration LIANG Yu-xuan, LI Xiang-feng, ZUO Dun-wen, et al (143)
- Numerical simulation for liquid sloshing process of a tank truck SUN Li-na, ZHOU Guo-fa (147)
- Aeroelastic stability of a bearingless rotor with a composite flexbeam in hover ... GAO Wen-jie, LÜ Dong-qing (151)
- Fuzzy-PID control strategy for an active suspension based on optimal control laws with genetic algorithm
 WANG Wei, XUE Yan-bing, SONG Yu-ling, et al (157)
- An effective method to select vibration measurement points for a space gear transmission system
 QI Li-qun, ZHANG Guang-yu, SHAN Xiao-biao, et al (163)
- Effect factors on acoustical characteristics of a coupled cylindrical-conical shell
 WEI Ying-san, WANG Yong-sheng (167)
- Networked expert workstation of HOMS for remote diagnosis YANG Xian, LI Zhao-hui (172)
- Acoustic emission device design and laboratory evaluation for fluid-solid two phase flow
 LIU Gang, CHEN Chao, HAN Jin-liang, et al (178)
- Determination method of working speed range for a planetary gear train based on stability requirement and a nonlinear vibration model LI Tong-jie, ZHU Ru-peng, BAO He-yun, et al (183)
- Numerical analysis for safety of water transmission of large-scale box culvert under blasting load
 CUI Wei, SONG Hui-fang, ZHANG She-rong (188)
-

JOURNAL OF VIBRATION AND SHOCK

Vol. 31, No. 22, NOVEMBER 2012

Editorial Office: 1954 Huashan Rd, Shanghai 200030, China

Issuer Abroad: China National Publishing Industry Trading Corporation

(Post-Office Box No. 728, Beijing, China)
