

振动工程学报

2021年6月

第34卷第3期

目 次

- 斜拉索涡激振动气动控制措施试验研究 刘志文, 沈静思, 陈政清, 等(441)
塔梁间设置BRB跨海斜拉桥减震约束体系及其地震反应 陈宝魁, 王东升, 李宏男, 等(452)
斜向旋转型三维隔震装置的力学模型和试验研究 杨巧荣, 王梁亚, 刘文光, 等(462)
摇摆-自复位双层桥梁排架墩抗震体系研究 孙治国, 赵泰儀, 韩 强, 等(472)
新型贴片式扭振压电作动器的设计与实验研究 王瑞锋, 王 亮, 贾博韬, 等(481)
非线性三参数隔振器动力学特性研究 刘海平, 申大山, 赵鹏鹏(490)
面向机器人笛卡尔空间的轨迹运动自适应抑振控制 李 琳, 古智超, 张 铁(499)
障碍物设置对人群荷载作用下连廊的减振控制 朱前坤, 杨文斌, 杜永峰(507)
桩-土-LNG储罐振动台试验与数值仿真分析 罗东雨, 孙建刚, 柳春光, 等(515)
地震作用下型钢混凝土异形柱框架动力特性及频谱反应分析 胡宗波, 薛建阳(528)
建筑数量对土-剪力墙结构建筑群动力相互作用的影响 熊 峰, 雷 鹏, 葛 琪, 等(539)
基于多谐波平衡法的滞回分数阶系统稳态动力响应 孔 凡, 侯召旭, 徐 军, 等(552)
连接局部迟滞非线性的时频域动力学降阶方法 王 东, 张周锁(559)
一种非线性宽频压电能量收集系统的动力学特性分析 刘久周, 张凤玲, 辛健强, 等(567)
钝体摆动间接激励式压电风力发电机的研究 阚君武, 廖卫林, 林仕杰, 等(577)
采用分离变量法的载荷位置识别技术研究 张 景, 张 方, 姜金辉(584)
不等间距加筋圆柱壳的振动局域化研究 纪 刚, 李宗威, 周其斗(592)
改进傅里叶级数法求解封口锥柱球组合壳的自由振动 张 帅, 李天匀, 朱 翔, 等(601)
基础激励下带金属外层的多黏弹性层纤维增强层合板的动力学模型 李 晖, 荣万崇, 刘 洋, 等(610)
机械振源数估计的四线性平行因子方法研究 李志农, 朱亚静, 王 冬(619)
遗传规划提取优化特征在轴承寿命预测中的应用 王 豪, 董广明, 陈 进(626)
利用参数自适应多点最优最小熵反褶积的行星轮轴承微弱故障特征提取
..... 王朝阁, 李宏坤, 胡少梁, 等(633)
结合DSHDD和模糊评价的滚动轴承退化状态在线识别 周建民, 尹文豪, 游 涛, 等(646)
形态经验小波变换和改进分形网络在轴承故障识别中的应用 杜小磊, 陈志刚, 王衍学, 等(654)

CONTENTS

- Experimental study on aerodynamic control measures for vortex-induced vibration of stay-cable LIU Zhi-wen, SHEN Jing-si, CHEN Zheng-qing, et al(441)
- Shock-absorbing restraint system and its seismic response of sea-crossing cable-stayed bridge installing BRB between towers and girders CHEN Bao-kui, WANG Dong-sheng, LI Hong-nan, et al(452)
- Mechanical model and experimental research of the inclined rotational three-dimensional seismic isolation device YANG Qiao-rong, WANG Liang-ya, LIU Wen-guang, et al(462)
- Seismic resistance system for rocking self-centering double deck bridge bents SUN Zhi-guo, ZHAO Tai-yi, HAN Qiang, et al(472)
- Design and tests of a surface-bonded type torsional piezoelectric actuator WANG Rui-feng, WANG Liang, JIA Bo-tao, et al(481)
- Dynamic performance of a three-parameter isolator with nonlinear characteristic LIU Hai-ping, SHEN Da-shan, ZHAO Peng-peng(490)
- Adaptive vibration suppression control for trajectory motion in Cartesian space of industrial robot LI Lin, GU Zhi-chao, ZHANG Tie(499)
- Vibration control of corridor under crowd load by setting obstacles ZHU Qian-kun, YANG Wen-bin, DU Yong-feng(507)
- Pile-soil-LNG storage tank shaking table test and numerical simulation analysis LUO Dong-yu, SUN Jian-gang, LIU Chun-guang, et al(515)
- Dynamic characteristics and spectrum response of SRC special-shaped column frame under seismic effect HU Zong-bo, XUE Jian-yang(528)
- The influence of the number of buildings on the dynamic interaction of soil-shear wall structures XIONG Feng, LEI Peng, GE Qi, et al(539)
- Steady-state response determination of a hysteretic system endowed with fractional elements via a multi-harmonic balance method KONG Fan, HOU Zhao-xu, XU Jun, et al(552)
- Dynamic reduction analysis for local hysteresis nonlinearity of joint interfaces in time and frequency domains WANG Dong, ZHANG Zhou-suo(559)
- Dynamic characteristics of a nonlinear wideband energy harvester based on piezoelectric material LIU Jiu-zhou, ZHANG Feng-ling, XIN Jian-qiang, et al(567)
- Indirect excitation piezoelectric wind power generator based on the oscillation of the cylindrical bluff body KAN Jun-wu, LIAO Wei-lin, LIN Shi-jie, et al(577)
- Identification of dynamic load location based on variable separation method ZHANG Jing, ZHANG Fang, JIANG Jin-hui(584)
- Localization of vibration on a disordered framed cylindrical shell JI Gang, LI Zong-wei, ZHOU Qi-dou(592)
- Modified Fourier series method to solve the free vibration of the coupled conical-cylindrical-spherical shell with closed ends ZHANG Shuai, LI Tian-yun, ZHU Xiang, et al(601)
- Dynamic model of multiple viscoelastic-layered fiber-reinforced laminate plate with outside metal-layers under base excitation LI Hui, RONG Wan-chong, LIU Yang, et al(610)
- Quadrilinear parallel factor method for estimating the number of mechanical vibration sources LI Zhi-nong, ZHU Ya-jing, WANG Dong(619)
- Application of optimization feature extraction from bearing based on genetic programming for life prediction WANG Hao, DONG Guang-ming, CHEN Jin(626)
- Weak fault feature extraction of planetary bearing based on parameter adaptive MOMEDA WANG Chao-ge, LI Hong-kun, HU Shao-liang, et al(633)
- Online identification of rolling bearing degradation state based on DSHDD and fuzzy evaluation ZHOU Jian-min, YIN Wen-hao, YOU Tao, et al(646)
- Application of morphological empirical wavelet transform and IFractalNet in bearing fault identification DU Xiao-lei, CHEN Zhi-gang, WANG Yan-xue, et al(654)