

目 次

- 转子系统突加不平衡的动力学相似设计方法 石怀涛, 任衍利, 何凤霞, 等(223)
旋转预扭梁振动特性理论与实验研究 熊星星, 宿柱, 马小虎(232)
静电驱动微镜参数激励下的亚谐振动分析 李徐, 冯晶晶, 郝淑英, 等(242)
细长旋转杆管柱与采出液耦合振动与碰撞数值方法研究 岳欠杯, 王笑笑, 王岗, 等(249)
基于非参数贝叶斯方法的结构损伤识别研究 王其昂, 王浩博, 周明利, 等(260)
拉索涡振下考虑车辆和温度联合作用的斜拉桥钢锚箱疲劳性能 祝志文, 颜爽, 丁望星, 等(268)
考虑施扰山体影响的耐张型悬索支撑输电结构风振疲劳损伤分析 李正良, 王邦杰, 王涛(279)
基于CFD/CSD耦合分析的内置竖向挡板TLD高层建筑风振控制研究
..... 孙连杨, 吴玖荣, 钟文坤, 等(292)
典型流线型箱梁扭转涡激气动力的简化涡模式与气动措施抑振机理 胡传新, 官绪龙, 赵林, 等(302)
考虑室内布局影响的高频楼盖人致振动舒适度全域评估 蒲兴龙, 何天虎, 朱前坤(310)
地震作用下梁桥纵向阻挡型装置防落梁效果研究 高浩原, 王胜斌, 项敬辉, 等(321)
考虑水-桩-土相互作用的海上风机单桩基础横向自振频率计算 余云燕, 陶婧衍, 孔嘉乐, 等(331)
低层楼阁式木结构古建筑抗震性能振动台试验研究 王龙, 胡宸瑜, 谢启芳, 等(340)
近断层地震动对阶梯式顺层岩质路堑边坡震裂损伤的作用机制 信春雷, 李文惠, 冯文凯, 等(352)
紧急制动条件下重载货车车辆动力学行为研究 刘开忠, 王志伟, 张卫华(365)
考虑参数不确定性和相关性的电动汽车动力总成悬置系统稳健性优化 吕辉, 张家明, 黄晓婷, 等(375)
新型惯质调谐质量阻尼器的安装方法对优化与性能的影响研究 何书勇, 李寿英, 李亚峰, 等(383)
带有频率估计器的窄带主动控制算法设计 肖翔鹏, 程渝凯, 侯宏, 等(393)
水下平台发射噪声声源排序的理论分析和试验验证 杨琼方, 张晓平, 张明敏(403)
机械密封界面摩擦声发射信号的特征提取与分析 陆俊杰, 刘柱, 丁俊华, 等(411)
端齿同轴度误差对双锥度叶片-机匣系统加速特性分析 金森, 王艾伦, 王青山, 等(420)
基于多特征空间自适应网络的谐波减速器故障诊断 陈仁祥, 张晓, 李嘉琳, 等(432)
外圈故障引起圆柱滚子轴承IAS扰动动力学建模 韩樵, 郭瑜, 樊家伟(441)

CONTENTS

A dynamic similitude design method for sudden unbalance in rotor systems	.....SHI Huaitao, REN Yanli, HE Fengxia, et al(223)
Theoretical and experimental study on the vibration characteristics of rotating pre-twisted beams	.....XIONG Xingxing, SU Zhu, MA Xiaohu(232)
Analysis of subharmonic vibrations under parametric excitation of electrostatically driven micromirrors	.....LI Xu, FENG Jingjing, HAO Shuying, et al(242)
Numerical method of coupling vibration and collision characteristics between slender rotating rod string and produced fluid	.....YUE Qianbei, WANG Xiaoxiao, WANG Gang, et al(249)
Structural damage identification enabled by the non-parametric Bayesian method	.....WANG Qi'ang, WANG Haobo, ZHOU Mingli, et al(260)
Fatigue performance of steel anchor box in cable-stayed bridges considering joint action of vehicle and temperature under vortex-induced vibration of stay cable	.....ZHU Zhiwen, YAN Shuang, DING Wangxing, et al(268)
Wind-induced fatigue damage analysis of the tension suspension-braced transmission structure considering the effect of occluding hills	.....LI Zhengliang, WANG Bangjie, WANG Tao(279)
CFD/CSD coupling numerical simulation on wind-induced vibration control of tall building and TLD system with built-in vertical baffles	.....SUN Lianyang, WU Jiurong, ZHONG Wenkun, et al(292)
Simplified vortex modes of torsional vortex-excitation forces in a typical streamlined box girder and its suppression mechanism with aerodynamic countermeasures	.....HU Chuanxin, GUAN Xulong, ZHAO Lin, et al(302)
Global assessment of human-induced vibration serviceability in high-frequency floors considering the influence of indoor layout	.....PU Xinglong, HE Tianhu, ZHU Qiankun(310)
Study on the effectiveness of longitudinal barrier-type unseating prevention restrainer for girder bridges during earthquakes	.....GAO Haoyuan, WANG Shengbin, XIANG Jinghui, et al(321)
Calculation of the transverse natural frequency of single-pile foundation for offshore wind turbines considering water-pile-soil interaction	.....YU Yunyan, TAO Jingyan, KONG Jiale, et al(331)
Shaking table test study on seismic performance of low-rise pavilion type ancient timber structure	.....WANG Long, HU Chenyu, XIE Qifang, et al(340)
Action mechanism of near-fault earthquake on shatter damage of stepped bedding rock cutting slope	.....XIN Chunlei, LI Wenhui, FENG Wenkai, et al(352)
Vehicle dynamics behavior of heavy-haul wagon vehicle under emergency braking conditions	.....LIU Kaizhong, WANG Zhiwei, ZHANG Weihua(365)
Robustness optimization for the powertrain mounting system of electric vehicle considering parametric uncertainty and correlation	.....LYU Hui, ZHANG Jiaming, HUANG Xiaoting, et al(375)
Effect of installation method of novel tuned mass damper inverter on optimization and performance	.....HE Shuyong, LI Shouying, LI Yafeng, et al(383)
Narrowband active control algorithm with frequency estimator design	.....XIAO Xiangpeng, CHENG Yukai, HOU Hong, et al(393)
Analytical and experimental research on sorting of launching noise source of underwater platform	.....YANG Qiongfang, ZHANG Xiaoping, ZHANG Mingmin(403)
Feature extraction and analysis of friction acoustic emission signal at mechanical seal interface	.....LU Junjie, LIU Zhu, DING Junhua, et al(411)
Acceleration characteristics of double taper blade-casing system considering the coaxiality errors of the curvilinear couplings	.....JIN Miao, WANG Ailun, WANG Qingshan, et al(420)
Fault diagnosis of harmonic reducer based on multiple feature spaces adaptive network	.....CHEN Renxiang, ZHANG Xiao, LI Jialin, et al(432)
Dynamic modeling of instantaneous angular speed disturbances in cylindrical roller bearings caused by outer ring failure	.....HAN Qiao, GUO Yu, FAN Jiawei(441)