

目 次

- 滚动碰撞式调制质量阻尼器减振性能试验研究 李书进, 孙 磊, 余 桓, 等(861)
被动变阻尼耗能装置的设计与性能试验研究 付伟庆, 李 茂, 张春巍(869)
变化型惯质调谐质量阻尼器的优化与性能评价 李亚峰, 李寿英, 陈政清(877)
LNG 储罐保温层减震效应研究 罗东雨, 孙建刚, 柳春光, 等(885)
减震结构采用 Lyapunov 方程的阻尼器优化配置方法 王曙光, 马亚楠, 杜东升(901)
体自由度颤振主动抑制的多输入/多输出自抗扰控制律设计 沐旭升, 邹奇彤, 黄 锐, 等(910)
任意形状固支板横向振动的边界保角映射解法 袁运博, 李宏亮, 刘洪达, 等(921)
弹性约束的功能梯度曲梁等几何振动分析 陈明飞, 靳国永, 张艳涛, 等(930)
对称电磁轴承刚性转子系统的动力学特性 赵皓宇, 祝长生(940)
考虑三种静立人体模型的单人-简支梁耦合系统竖向动力特性对比分析
..... 汪志昊, 寇 琛, 刘召朋, 等(952)
振动舒适度的智能手机大数据研究 曹 雷, 陈 隽(961)
SV 波斜入射下坡体地形放大效应的研究 尹 超, 李伟华, 赵成刚(971)
低雷诺数下串列双方柱尾流致涡激振动研究 杜晓庆, 邱 涛, 赵 燕(985)
被动控制圆柱涡振-驰振过渡区振动特性及激励机理 王海博, 丁 林, 张长江, 等(994)
多点多维全非平稳地震动场的降维模拟 刘子心, 刘章军(1002)
空间相关多点非平稳地震动合成及其对大跨结构响应的影响 俞瑞芳, 曲国岩, 张冬锋(1013)
桥隧相连超高墩连续梁桥纵向弹性地震响应特性研究 陈 盈, 张 乐, 张文学, 等(1024)
结构可靠度分析的概率密度演化理论——自适应代理模型方法 周 通, 彭勇波, 李 杰(1035)
仿古建筑钢结构单梁-柱和双梁-柱节点动力加载试验研究 薛建阳, 马林林, 杨 煄, 等(1044)
波形钢腹板-钢底板-混凝土顶板组合简支箱梁纯弯曲竖向振动频率的参数分析
..... 冀 伟, 罗 奎, 马万良, 等(1053)
联合移动主成分分析与传递熵的桥梁损伤识别方法 聂振华, 杨卫星, 程良彦, 等(1062)
考虑城市轨道车辆影响的高架桥减振方法研究 文永蓬, 宗志祥, 尚慧琳, 等(1073)
齿轮局部故障的滑窗相关和重叠群稀疏诊断方法 吴芳坦, 林慧斌, 何国林(1084)
多源信息深度融合的行星齿轮箱故障诊断方法 陈仁祥, 黄 鑫, 胡小林, 等(1094)

CONTENTS

- Experimental study on the vibration control performance of a pounding tuned rotary mass damper *LI Shu-jin, SUN Lei, YU Huan, et al*(861)
- Design and performance experiment on passive variable damping energy dissipation device *FU Wei-qing, LI Mao, ZHANG Chun-wei*(869)
- Optimization and performance evaluation of variant tuned mass damper inerter *LI Ya-feng, LI Shou-ying, CHEN Zheng-qing*(877)
- Shock mitigation of insulation of LNG storage tank *LUO Dong-yu, SUN Jian-gang, LIU Chun-guang, et al*(885)
- Optimization for the arrangement of added dampers of energy dissipation structures by using Lyapunov equation *WANG Shu-guang, MA Ya-nan, DU Dong-sheng*(901)
- Design of multiple-input/multiple-output active disturbance rejection controller for body-freedom flutter suppression *MU Xu-sheng, ZOU Qi-tong, HUANG Rui, et al*(910)
- Boundary conformal mapping method for transverse vibration of clamped plates with arbitrary shapes *YUAN Yun-bo, LI Hong-liang, LIU Hong-da, et al*(921)
- Isogeometric vibration analysis of functionally graded curved beams with elastic restraints *CHEN Ming-fei, JIN Guo-yong, ZHANG Yan-tao, et al*(930)
- Dynamic behavior of symmetrical active magnetic bearings rigid rotor systems *ZHAO Hao-yu, ZHU Chang-sheng*(940)
- Comparisons of vertical dynamic characteristics of single standing occupant-simply supported beam interaction systems with three kinds of models *WANG Zhi-hao, KOU Chen, LIU Zhao-peng, et al*(952)
- Big data investigation for vibration serviceability using smart phones *CAO Lei, CHEN Jun*(961)
- Research of slope topographic amplification subjected to obliquely incident SV-waves *YIN Chao, LI Wei-hua, ZHAO Cheng-gang*(971)
- Numerical simulation of wake-induced vortex vibration on two tandem square cylinders *DU Xiao-qing, QIU Tao, ZHAO Yan*(985)
- Vibration characters and driving mechanism of a circular cylinder with passive turbulence control during the transition from VIV to galloping *WANG Hai-bo, DING Lin, ZHANG Chang-jiang, et al*(994)
- Dimension-reduction simulation for multi-support and multi-component spatially correlated fully non-stationary ground motion fields *LIU Zi-xin, LIU Zhang-jun*(1002)
- Simulation of spatially correlated multipoint non-stationary ground motion and its influence on the response of long-span structures *YU Rui-fang, QU Guo-yan, ZHANG Dong-feng*(1013)
- Longitudinal elastic seismic response characteristics of super-high pier continuous girder bridges connected with tunnels *CHEN Ying, ZHANG Le, ZHANG Wen-xue, et al*(1024)
- Structural reliability analysis using probability density evolution method and adaptive surrogate model *ZHOU Tong, PENG Yong-bo, LI Jie*(1035)
- Dynamic experimental study on the single beam-column joints and double beams-column joints in steel archaized buildings *XUE Jian-yang, MA Lin-lin, YANG Kun, et al*(1044)
- Parametric analysis of pure bending vertical vibration frequency of composite simple support box girder with corrugated steel webs-steel bottom-concrete top *JI Wei, LUO Kui, MA Wan-liang, et al*(1053)
- Bridge damage detection based on moving principal component analysis combining with transfer entropy *NIE Zhen-hua, YANG Wei-xing, CHENG Liang-yan, et al*(1062)
- Vibration reduction method of viaduct considering the influence of urban rail vehicle *WEN Yong-peng, ZONG Zhi-xiang, SHANG Hui-lin, et al*(1073)
- Sliding window correlation and overlapping group sparsity diagnosis method for gear localized fault *WU Fang-tan, LIN Hui-bin, HE Guo-lin*(1084)
- Planetary gearbox fault diagnosis technique based on multi-source information deep fusion *CHEN Ren-xiang, HUANG Xin, HU Xiao-lin, et al*(1094)