

目 次

多管火箭发射动力学建模与 PID 主动控制	李 波, 芮筱亭, 王国平, 等(1103)
轨交沿线建筑三维隔震/振支座力学性能试验研究及应用分析	何文福, 罗昊杰, 许 浩, 等(1112)
变摩擦摆隔震支座力学性能研究	张亚飞, 谭 平, 尚继英, 等(1122)
消能伸臂体系简化算法及控制效果研究	刘良坤, 潘兆东, 谭 平, 等(1131)
减震结构不同类型阻尼器同步优化方法	王曙光, 杨 烨, 杜东升(1141)
殿堂式古建筑木结构的离散元模拟与倒塌易损性分析	张锡成, 韩乙楠, 吴晨伟, 等(1150)
考虑各板面内剪切影响的箱梁竖向纯弯自振特性分析	周茂定, 蔺鹏臻, 李丽园(1162)
主动转动惯量驱动系统控制悬吊结构摆振的方法研究(II): 参数影响分析与试验验证	张春巍, 王 昊(1170)
一种运用少量传递率函数值与稀疏正则化的结构损伤识别方法	刘焕林, 骆紫薇, 余 岭(1181)
MAR 模型模态参数识别的虚假模态判定方法	康 杰, 段忠东(1189)
考虑不确定参数相关性的动力总成悬置系统固有特性分析	吕 辉, 杨 坤, 上官文斌, 等(1199)
采用网络综合分析的最优惯容型减振器辨识方法研究	罗建南, 景兴建, 姜 政(1208)
涡轮转子叶片非接触振动测试试验研究	刘美茹, 朱 靖, 滕光蓉, 等(1216)
阶梯厚度圆柱壳自由振动特性分析	李海超, 庞福振, 张 航, 等(1226)
扇形板面内振动的解析解法	袁运博, 李宏亮, 孙 丹, 等(1234)
轨道结构中高频振动特性分析	雷晓燕, 邢聪聪, 吴神花(1245)
考虑作动器饱和的结构振动多层次分布式瞬时最优控制	李 飞, 战修广, 彭海军, 等(1253)
大型水电机轴系统的 MRD 模糊振动控制	孙万泉, 张 宁(1263)
水平振动桩周围半无限空间土体受迫振动响应理论解	吴君涛, 王奎华, 孙 梵, 等(1272)
竖向受荷单桩动力响应特性模型试验研究	瞿立明, 丁选明, 巫崇荣, 等(1282)
多因素作用下含连拱隧道边坡地震动力响应特性研究	江学良, 张继琪, 杨 慧, 等(1291)
地震作用下含软弱层顺倾岩体边坡锚固变形研究	言志信, 刘春波, 龙 哲, 等(1302)
柔性薄壁轴承的损伤特征频率分析	赵学智, 郭莹莹, 李 振, 等(1313)
迭代辛几何模态分解的高速列车轴承故障诊断	林 森, 靳 行, 王延翠(1324)
向审稿人致谢	(1332)

《振动工程学报》第 33 卷总目次

《振动工程学报》第 33 卷作者索引

CONTENTS

Launch dynamics modeling and PID active control of a multiple launch rocket system	LI Bo, RUI Xiao-ting, WANG Guo-ping, et al (1103)
Experimental study and application analysis of mechanical performance of 3D isolation/vibration bearings along railway lines	HE Wen-fu, LUO Hao-jie, XU Hao, et al (1112)
Mechanical properties of variable friction pendulum system	ZHANG Ya-fei, TAN Ping, SHANG Ji-ying, et al (1122)
The simplified algorithm and control effects of the damped outriggers system	LIU Liang-kun, PAN Zhao-dong, TAN Ping, et al (1131)
Synchronization optimization of different types of dampers for energy dissipation structure	WANG Shu-guang, YANG Ye, DU Dong-sheng (1141)
Discrete element simulation and collapse vulnerability analysis of Chinese ancient timber-frame structure	ZHANG Xi-cheng, HAN Yi-nan, WU Chen-wei, et al (1150)
Analysis of vertical pure bending natural vibration characteristics of box girder considering the influence of in-plane shear	ZHOU Mao-ding, LIN Peng-zhen, LI Li-yuan (1162)
Structural swing vibration control methods based on the Active Rotary Inertia Driver system (II); parametric analysis and experimental verification	ZHANG Chun-wei, WANG Hao (1170)
Structural damage detection using few transmissibility functions and sparse regularization	LIU Huan-lin, LUO Zi-wei, YU Ling (1181)
False modes discrimination for modal parameter identification using MAR model	KANG Jie, DUAN Zhong-dong (1189)
Inherent characteristics analysis of powertrain mounting systems considering the correlation of uncertain parameters	LÜ Hui, YANG Kun, SHANGGUAN Wen-bin, et al (1199)
Identification approach of optimum inerter-based absorbers using network synthesis	LUO Jian-nan, JING Xing-jian, Jason Z Jiang (1208)
Non-contact vibration measurement experiment of turbine rotor blades	LIU Mei-ru, ZHU Jing, TENG Guang-rong, et al (1216)
Free vibration analysis of stepped cylindrical shells	LI Hai-chao, PANG Fu-zhen, ZHANG Hang, et al (1226)
Analytical solutions for in-plane vibration of circular sector plates	YUAN Yun-bo, LI Hong-liang, SUN Dan, et al (1234)
Mid- and high-frequency vibration characteristics of track structures	LEI Xiao-yan, XING Cong-cong, WU Shen-hua (1245)
Multi-level distributed instantaneous optimal control for structural vibration with actuator saturation	LI Fei, ZHAN Xiu-guang, PENG Hai-jun, et al (1253)
MRD fuzzy vibration control of the large-scale hydro-generator shafting	SUN Wan-quan, ZHANG Ning (1263)
Dynamic response of a half-space soil model excited by the known lateral pile vibration	WU Jun-tao, WANG Kui-hua, SUN Fan, et al (1272)
Model test investigation on dynamic response of a single pile under vertical cyclic loading	QU Li-ming, DING Xuan-ming, WU Chong-rong, et al (1282)
Seismic dynamic response characteristics of slope with double-arch tunnel under multiple factors	JIANG Xue-liang, ZHANG Ji-qi, YANG Hui, et al (1291)
Anchorage deformation of bedding rock slope with weak layer under earthquake loading	YAN Zhi-xin, LIU Chun-bo, LONG Zhe, et al (1302)
Injury characteristic frequency analysis of flexible thin-wall bearing	ZHAO Xue-zhi, GUO Ying-ying, LI Zhen, et al (1313)
High speed train bearings fault diagnosis of iteration symplectic geometry mode decomposition	LIN Sen, JIN Hang, WANG Yan-cui (1324)