

振动工程学报

2010年8月

第23卷第4期

目次

- 计入姿态的绳系卫星周期振动 王晓宇, 金栋平(361)
- 非线性随机动力系统的最优多项式控制 彭勇波, 李杰(366)
- 地铁列车运行引起地表振动的预测模型及其试验验证
..... 刘卫丰, 刘维宁, DEGRANDE G(373)
- 连续弹性拉索风雨激振理论模型研究 李 瞰, 陈政清, 李寿英(380)
- 约束阻尼层在输电塔风振控制中的应用 杨靖波, 华旭刚, 陈政清, 等(389)
- 斜拉桥塔-索-桥耦合连续模型及其内共振分析 张 妍, 王怀磊, 杨 杰(397)
- 弹性薄壁壳体高速风洞耦合振动实验及数值模拟 张善智, 闫云聚, 常晓通(404)
- SH波入射下多重散射的改进算法及任意桩布置形式的隔振研究
..... 夏唐代, 孙苗苗, 陈 晨(409)
- 状态空间下基于小波变换的时变系统参数识别 许 鑫, 史治宇(415)
- 多点随机振动控制试验中随机相位双谱恢复方法 陆勇星, 陈怀海, 曹立娟(420)
- 冲击信号的 Hilbert 时频谱频率分辨率性能评价模型 李宏坤(425)
- 基于 EMD-Wigner-Ville 的内燃机振动时频分析 蔡艳平, 李艾华, 王 涛, 等(430)
- 多小波自适应构造方法及滚动轴承复合故障诊断研究 王晓冬, 何正嘉, 警艳阳(438)
- 基于瞬态冲击响应参数辨识的轴承故障特征检测 王诗彬, 朱忠奎, 王安柱(445)
- 双声源法测量有源多层板声学性能的实验研究
..... 胡 莹, 陈克安, Galland Marie-Annick(450)
- 基于表面振速分组测量的多舱段结构声辐射预报研究 陈 明, 赵志高, 曹为午(457)
- 发动机进气系统声学性能动态灵敏度设计 岳贵平, 张义民(463)
- 面向车削颤振抑制的多重阻尼器优化设计 杨毅青, 刘 强, 王 民(468)

期刊基本参数:CN32-1349/TB*1987*b*A4*114*zh*P*¥20.00*1500*18*2010-08

CONTENTS

Quasi-periodic oscillation of a tethered subsatellite with attitude
..... WANG Xiao-yu, JIN Dong-ping(361)

Optimal polynomial control of nonlinear stochastic dynamical systems PENG Yong-bo, LI Jie(366)

Experimental validation of a numerical model for prediction of metro train-induced ground-
surface vibration LIU Wei-feng, LIU Wei-ning, DEGRANDE G(373)

Analytical study of rain-wind-induced cable vibrations based on continuous elastic cable model
..... LI Tun, CHEN Zheng-qing, LI Shou-ying(380)

Constrained layer damping for vibration control of transmission steel towers under wind actions
..... YANG Jing-bo, HUA Xu-gang, CHEN Zheng-qing, et al(389)

A continuous model of coupled cable-tower-decks and its resonance vibration
..... ZHANG Yan, WANG Huai-lei, YANG Jie(397)

Wind tunnel experiment and numerical simulation for elastic thin shell-structure considering
fluid-structure interaction ZHANG Shan-zhi, YAN Yun-ju, CHANG Xiao-tong(404)

An improved method for multiple scattering under SH incident waves and analysis of vibration
isolation XIA Tang-dai, SUN Miao-miao, CHEN Chen(409)

Parameter identification of time-varying system based on state space and wavelet transform
method XU Xin, SHI Zhi-yu(415)

Control of multi shakers in random vibration test based by bi-spectrum
..... LU Yong-xing, CHEN Huai-hai, CAO Li-juan(420)

Performance estimation model of frequency resolution of Hilbert time-frequency spectrum for
impact signal LI Hong-kun(425)

I. C. engine vibration time-frequency analysis based on EMD-Wigner-Ville
..... CAI Yan-ping, LI Ai-hua, WANG Tao, et al(430)

Adaptive construction of multiwavelet and research on composite fault diagnosis of rolling bearing
..... WANG Xiao-dong, HE Zheng-jia, ZI Yan-yang(438)

Bearing fault feature detection based on parameter identification of transient impulse response
..... WANG Shi-bin, ZHU Zhong-kui, WANG An-zhu(445)

Acoustical performance of double-wall active sound packages based on two source-location method
..... HU Ying, CHEN Ke-an, Galland Marie-Annick(450)

Acoustic radiation prediction of multi-compartmental structure based on surface vibration
grouping measurement CHEN Ming, ZHAO Zhi-gao, CAO Wei-wu(457)

Dynamic sensitivity design of acoustic property of intake system of an engine
..... YUE Gui-ping, ZHANG Yi-min(463)

Optimization of multiple tuned mass dampers for chatter suppression in turning
..... YANG Yi-qing, LIU Qiang, WANG Min(468)