

目次

直升机多频振动并联结构自适应控制方法研究	马逊军, 陆洋, 陈仁良, 等(755)
非线性动力吸振系统动力学分析和优化	陆泽琦, 杨铁军, 陈立群, 等(765)
近水面状态有限长圆柱壳振动特性分析	王鹏, 李天匀, 朱翔, 等(772)
大运动曲梁应力刚化效应特征值分析	张建树, 芮筱亭, 顾俊杰(779)
任意边界条件非局部弹性杆纵振特性分析	杜敬涛, 许得水, 吕朋, 等(787)
考虑面外振动的轮胎三维环模型	危银涛, 刘哲, 周福强, 等(795)
三缸发动机悬置系统设计方法的研究	刘晓昂, 上官文斌, 吕兆平(804)
竖向行人-结构相互作用中的行人 MD 及 SMD 模型参数识别	张梦诗, 陈隽, 徐若天(814)
大跨度双层曲线斜拉桥人致振动减振优化与实测试验	华旭刚, 温青, 陈政清, 等(822)
车辆作用下中小跨径裂缝简支梁桥自振特性分析	谭国金, 刘子煜, 王龙林, 等(831)
大跨度缆索承重桥并列索尾流激振研究	杜晓庆, 蒋本建, 代钦, 等(842)
考虑增设变刚度抗风支座的隔震结构减震分析	吴应雄, 夏侯唐斌, 颜桂云, 等(851)
层状地基中隔振沟对移动列车荷载隔振研究-2.5 维 IBEM 方法	巴振宁, 王靖雅, 梁建文(860)
多点激励下非规则高墩曲线桥梁地震响应试验研究	程麦理, 李青宁, 闫磊, 等(874)
黏弹性系统随机响应分析	徐明(881)
基于动力响应主分量瞬时频率和幅值的非线性模型修正	袁平平, 王佐才, 任伟新(887)
弹性叶片-轮盘-转轴系统的耦合振动特性	李朝峰, 刘文, 余厚鑫, 等(894)
头部-聚苯乙烯泡沫-铝蜂窝缓冲系统冲击响应与优化设计	卢富德, 陶伟明, 周建伟(900)
四边固支局域共振型板的低频隔声特性研究	张若军, 肖勇, 温激鸿, 等(905)
分子弹簧隔振器的动力学特性研究	余慕春, 高雪, 陈前(913)
近似离散瞬时最优控制及作动器位置优化研究	童少伟, 唐怀平(920)
基于 ASTFA 和 PMMFE 的齿轮故障诊断方法	李宝庆, 程军圣, 吴占涛, 等(928)
基岩软化条件下仰拱结构疲劳寿命的预测分析	刘宁, 彭立敏, 施成华(936)

CONTENTS

Multi-frequency helicopter vibration control method using parallel-form adaptive filters	MA Xun-jun, LU Yang, CHEN Ren-liang, et al(755)
Dynamical behavior and optimization of a nonlinear vibration absorber	LU Ze-qi, YANG Tie-jun, CHEN Li-qun, et al(765)
Frequency analysis of submerged cylindrical shell near the free surface	WANG Peng, LI Tian-yun, ZHU Xiang, et al(772)
Eigenvalue analysis of the stress stiffening effect for a curved beam with large rigid motion	ZHANG Jian-shu, RUI Xiao-ting, GU Jun-jie(779)
Longitudinal vibration analysis of a nonlocal rod with arbitrary boundary conditions	DU Jing-tao, XU De-shui, LÜ Peng, et al(787)
Three-dimensional REF model of tire including the out-of-plane vibration	WEI Yin-tao, LIU Zhe, ZHOU Fu-qiang, et al(795)
Design methods of powertrain mounting system with three cylinders engine	LIU Xiao-ang, SHANGGUAN Wen-bin, LÜ Zhao-ping(804)
MD and SMD model parameters of pedestrians for vertical human-structure interaction	ZHANG Meng-shi, CHEN Jun, XU Ruo-tian(814)
Design and experimental validation of structural vibration control of a curved twin-deck cable-stayed bridge subject to pedestrians	HUA Xu-gang, WEN Qing, CHEN Zheng-qing, et al(822)
Free vibration analysis of a small or medium-span cracked simply supported bridge considering bridge-vehicle interaction	TAN Guo-jin, LIU Zi-yu, WANG Long-lin, et al(831)
On wake-induced vibration of parallel cables in cable-supported bridges	DU Xiao-qing, JIANG Ben-jian, Daichin, et al(842)
Analyses of mitigation effects of isolation structure considering additional wind-resistant support of variable stiffness	WU Ying-xiong, XIAHOU Tang-bin, YAN Gui-yun, et al(851)
Reduction of train-induced vibrations by using a trench in a layered foundation	BA Zhen-ning, WANG Jing-ya, LIANG Jian-wen(860)
Experimental study on seismic of irregular high piers curved bridge under multi-point excitation	CHENG Mai-li, LI Qing-ning, YAN Lei, et al(874)
Equivalent non-linearization technique for random response of viscoelastic system	XU Ming(881)
Nonlinear model updating based on instantaneous frequencies and amplitudes of principal dynamic response components	YUAN Ping-ping, WANG Zuo-cai, REN Wei-xin(887)
Vibration characteristics of an elastic blade-disk-shaft coupling system	LI Chao-feng, LIU Wen, SHE Hou-xin, et al(894)
Impact responses and optimization design for head-EPS-Aluminum honeycomb cushioning system	LU Fu-de, TAO Wei-ming, ZHOU Jian-wei, et al(900)
Analysis of sound transmission through clamped locally resonant plate in low frequency	ZHANG Ruo-jun, XIAO Yong, WEN Ji-hong, et al(905)
Dynamic properties of molecular spring isolator	YU Mu-chun, GAO Xue, CHEN Qian(913)
Research on approximate discrete instantaneous optimal control algorithm and optimization of the actuator positions	TONG Shao-wei, TANG Huai-ping(920)
Gear fault diagnosis method based on the adaptive and sparsest time-frequency analysis method and partial mean multi-scale fuzzy entropy	LI Bao-qing, CHENG Jun-sheng, WU Zhan-tao, et al(928)
Fatigue life prediction of tunnel base structure under the softening surrounding rock conditions	LIU Ning, PENG Li-min, SHI Cheng-hua(936)