目 次

考虑摩擦效应的船用配气凸轮轴系动力学特性研究华德良, 史修江, 施方鹏, 等(44)
不同裂纹参数下的转子系统振动特性试验 韩 冰,刘占生,何 鹏,等(46)
转子动响应灵敏度分析的多复域摄动法姜 东,王贞露,钱 慧,等(469
耦合分段线性刚度 NES 系统能量传递和耗散研究张云浩,王 军,申永军,等(480
考虑球面副磨损间隙的空间并联机构动力学响应分析陈修龙,张 昊,樊慧凯(490
振幅增强型超材料梁中弹性波的复能带特性分析 郭文杰,洪显,罗文俊,等(499
基于 NSGA-Ⅱ 的在役状态 TMD 和结构固有参数识别方法研究赵文韬,温 青,孙洪鑫,等(50%
考虑支柱轴向位移和纵向弯曲的双轮前起落架摆振特性分析高相国,卢 翔,单泽众(517
覆冰多分裂输电导线舞动的动态张力随机分析与可靠度评估李正良, 王泽宇, 王 涛, 等(529
台风动力作用下大跨度航站楼屋盖连续风揭形态及机理研究刘凌峰, 柯世堂, 任贺贺, 等(539
多自由度体系的动力放大系数解析研究张超,周桢干,赖志超,等(550
考虑时空相关性的桥梁监测数据多通道联合恢复方法辛景舟,杨伟彤,周建庭,等(558
横向地震作用下不同站桥组合体系抗震性能对比焦驰宇,马 辉,刘能文,等(56%
高烈度地震区高铁多跨简支梁桥纵向倒塌模式研究刘 尊稳,梁刚毅,陈兴冲,等(579
关于地下结构云图法地震易损性分析中输入地震动最优数量的探讨庄海洋,杨靖,刘园园,等(58%
不同厚度液化土层大直径变截面六桩基础振动台模型试验研究
黏弹性四参数地基上两跨连续修正 Timoshenko 梁的横向自振特性分析 ····································
"微纳智能结构动力学特性"专栏
GPLs/Al复合材料阵列开口结构的自由振动颜建伟,江思岑,何陵辉(612
基于移动 Kriging 插值无网格法的多层纳米板振动特性研究侯东昌,张吉成,王立峰(62)
弹跳小球-薄板系统的动力学行为研究
W/Ta纳米层状金属的拉伸力学性能和塑性变形机制刘雪鹏,颜家豪(63%
双向齿条传动摩擦纳米发电机非线性动力学莫 帅,王 震,刘文斌,等(645
面内平动纳米板振动特性的两类尺度效应分析王 璟,于洋蓝,沈火明,等(65)

JOURNAL OF VIBRATION ENGINEERING

Mar. 2025 Vol. 38 No. 3

CONTENTS

Tribo-dynamics characteristics on the valve camshaft in marine diesel engine
·······HUA Deliang, SHI Xiujiang, SHI Fangpeng, et al(449)
Vibration characteristic experiments of rotor system with different crack parameters
······································
Multi-complex domain perturbation method for sensitivity analysis of rotor dynamic response
JIANG Dong, WANG Zhenlu, QIAN Hui, et al(469)
Energy transfer and dissipation studies of coupled piecewise linear stiffness NES system
······ZHANG Yunhao, WANG Jun, SHEN Yongjun, et al(480)
Dynamic response analysis of spatial parallel mechanism considering wear clearance of spherical joint
Complex band structure characterization of elastic waves in amplitude enhanced metamaterial beams
GUO Wenjie, HONG Xian, LUO Wenjun, et al(499)
Identification method of in-service TMD and structural inherent parameters based on NSGA- [[
ZHAO Wentao, WEN Qing, SUN Hongxin, et al(507)
Shimmy characteristics of dual-wheel nose landing gear considering the axial and longitudinal motions
of strut ······GAO Xiangguo, LU Xiang, SHAN Zezhong(517)
Stochastic dynamic tension analysis and reliability evaluation of ice-covered multi-split transmission
line galloping ······LI Zhengliang, WANG Zeyu, WANG Tao, et al(529)
Study on the form and mechanism of continuous wind uplift of large-span terminal roof under typhoon
LIU Lingfeng, KE Shitang, REN Hehe, et al(539)
Analytical research on dynamic amplification factor of multi-degree-of-freedom system
ZHANG Chao, ZHOU Zhengan, LAI Zhichao, et al(550)
Joint recovery method for multi-channel bridge monitoring data considering spatiotemporal correlation
XIN Jingzhou, YANG Weitong, ZHOU Jianting, et al(558)
Seismic performance comparison of different station-bridge combination systems under transverse
earthquakes ······JIAO Chiyu, MA Hui, LIU Nengwen, et al(567)
Research on longitudinal collapse mode of multi-span simply-supported beam bridges of high-speed
railway in high intensity seismic zone ·······LIU Zunwen, LIANG Gangyi, CHEN Xingchong, et al(579)
Discussion on the optimum number of input ground motions in seismic fragility analysis of underground
structures by cloud methodZHUANG Haiyang, YANG Jing, LIU Yuanyuan, et al(587)
Experimental study on shaking table model of six piles with large diameter and variable section in different
thickened soil layers······FENG Zhongju¹, LI Yuanpeng, WANG Wei, et al(595)
Analysis of transverse free vibration characteristics of two-span continuously modified Timoshenko beams
on viscoelastic four-parameter foundation ·······LIU Wei, WANG Guobing(604)
Topic on Dynamical Characteristics of Micro/nano Smart Structure
Free vibration of GPLs/Al composite with an array cutouts YAN Jianwei, JIANG Sicen, HE Linghui(612)
Vibration characteristics of multilayer nanoplates via meshfree moving Kriging interpolation method
Dynamic behaviors of a bouncing ball-thin plate systemCHEN Ling, LI Shuang, LI Cheng, et al (631)
Mechanical properties and plastic deformation mechanisms of W/Ta nanoscale metallic multilayer
under tensionLIU Xuepeng, YAN Jiahao (637)
Nonlinear dynamics of a bidirectional gear-driven friction nanogenerator
Vibration characteristics analysis of two types of size effects on in-plane translational nanoplates
, To rung, To rungian, order, ruoming, et al (000)