

动力学与控制学报

2010 年 09 月

第 8 卷第 3 期

目 次

一阶 Lagrange 力学逆问题的直接解法	丁光涛 (193)
弹塑性梁系统的动力学特性研究	石望 刘锦阳 (197)
平面薄膜自由振动的有限元分析	林文静 陈树辉 (202)
横向撞击下弹性支承轴向受力梁的动力响应	罗旗帜 黄志斌 (207)
基于频响函数扩展修正的 Benchmark 结构损伤识别	胡煥 洪嘉振 刘铸永 (213)
功能梯度薄壁圆柱壳的自由振动	杜长城 李映辉 (219)
非线性 San Venant 方程组数值稳定性分析	吴作平 (224)
基于 T-S 模糊模型的混沌系统脉冲控制	缪志强 王耀南 (229)
分数阶 Rucklidge 混沌系统的同步研究	陈保颖 张家军 苑占江 (234)
一类不确定互联系统的鲁棒分散自适应控制	史永杰 王银河 (239)
含有界随机参数的 Genesio-Tesi 系统的混沌同步研究	林艳艳 马少娟 张春雨 (245)
一个五维受控混沌系统的动力学行为	韩峰 唐驾时 (250)
变速移动弹簧阻尼质量系统作用下梁的动态响应	陈强 杨国来 王晓锋 葛建立 (254)
车桥耦合系统固有频率的研究	彭献 游福贺 (258)
振型函数拟合方法求解移动荷载作用下连续梁的响应	钱长照 陈得良 (263)
基于 Simpack 的重载操作机刚柔耦合动力学分析	韩雅楠 李刚 罗晓明 (267)
突触噪声作用下的 IF 阈值神经元模型的随机共振	焦贤发 王俊琦 王如彬 (273)
大脑中神经回路的电位发放比较	汪雷 刘深泉 (277)
通道扰动对神经网络动力学行为的影响	刘少宝 吴莹 (284)

责任编辑 李迎春 外文编审 张高明

JOURNAL OF DYNAMICS AND CONTROL

Sep. 2010

Vol. 8 No. 3

CONTENTS

Direct solutions for inverse problem of first-order Lagrangian mechanics	Ding Guangtao(193)
Investigation on dynamic performance of multi-body system with elasto-plastic beams	Shi Wang, Liu Jinyang(197)
Free vibration analysis of plane membranes by finite element method	Lin Wenjing, Chen Shuhui(202)
Dynamic responses of axially-loaded beams with elastic supports subject to transversal impact	Luo Qizhi, Huang Zhibin(207)
Damage identification for benchmark structure with model updating method based on FRF expansion	Hu Huan, Hong Jiazhen, Liu Zhuoyong(213)
Free vibration of functionally graded cylindrical thin shells	Du Changcheng, Li Yinghui(219)
Numerical stability analysis of non-linear San Venant equations	Wu Zuoping(224)
T-S model-based impulsive control of chaotic systems	Miao Zhiqiang, Wang Yaonan(229)
Synchronization of chaotic fractional-order Rucklidge systems	Chen Baoying, Zhang Jiajun, Yuan Zhanjiang(234)
Robust decentralized adaptive control for a class of uncertain nonlinear interconnected systems	Shi Yongjie, Wang Yinhe(239)
Chaos synchronization of two stochastic Genesio-Tesi systems with bounded random parameters	Lin yanyan, Ma shaojuan, Zhang chunyu(245)
Dynamical behaviors of a five-dimensional controlled chaotic system	Han Feng, Tang Jiashi(250)
Dynamic responses of beam subjected to a moving oscillator with non-uniform velocity	Chen Qiang, Yang Guolai, Wang Xiaofeng, Ge Jianli(254)
Research on natural frequency of vehicle-bridge coupled system	Peng Xian, You Fuhe(258)
Solving the response of continuous bridge using the modal function of fit	Qian changzhao, Chen Deliang(263)
Flexible multibody dynamical analysis of the heavy load forging manipulator based on Simpack	Han Ya-nan, Li Gang, Luo Xiaoming(267)
Stochastic resonance of an integrate-and-fire neuron model with threshold driven by synaptic noise	Jiao Xianfa, Wang Junqi, Wang Rubin(273)
Comparison of potential spike of neural circuit in the brain	Wang Lei, Liu Shenquan(277)
Effect of channel gauss noise on the neuronal network dynamic behaviors	Liu Shaobao, Wu Ying(284)