



中文核心期刊

ISSN 1006-7736

CODEN DHDXF3

大连海事大学 学报

JOURNAL OF DALIAN MARITIME UNIVERSITY

第44卷 第1期

Vol.44 No.1

2018年2月

Feb., 2018



1
2018



中国·大连
DALIAN CHINA

万方数据

目次

时域格林函数的新实用数值计算方法	张 腾,任俊生,李志富,白伟伟(1)
基于异源信息融合的无人水面艇动态路径规划	范云生,柳 健,王国峰,孙宇彤(9)
基于 PMSM 的双螺旋桨 USV 推进系统建模与仿真	赵英序,朱景伟,边 涛,肖泽民(17)
基于分段外推法的锚泊定位悬链线浮子的影响	韩 森,贾宝柱,朱瑞景(25)
基于实船监测数据的定航线船舶智能航速优化	马冉祺,黄连忠,魏茂苏,柳 霆,刘伊凡,王寰宇(31)
矩形浮体靠近潜堤时水平作用力分析	苏 焱(36)
宽带随机载荷下船舶结构的两种疲劳直接计算方法	周陈炎,张佳宁,申亚洲,张天逸(41)
液压吊力缓冲系统在“世越号”打捞工程中的作用评估	姚 宗,王伟平,蒋 岩,陈世海(48)
风翼助航船舶在规则波浪中的稳性	王 欢,黄连忠,何智勇,陈伟南(59)
应对东南亚海域海盗袭击的应急方案选择	张聆晔,吕 靖,李 晶,孙茂金(65)
集装箱班轮运输配载优化问题	杨 蔚,韩晓龙(72)
特殊工况下小车架有限元分析	赵丁辉,赵 杰,熊 伟,孙长乐(80)
长短期记忆神经网络在机械状态预测中的应用	陈再发,刘彦呈,刘么源(85)
叶片前缘造型对压气机平面叶栅气动特性的影响	杨 凌,李大春,钟兢军,李勇俊(91)
基于弯掠参数控制的压气机动叶优化设计	王忠义,曲 锋,万 雷,王 萌(99)
高负荷静子表面附面层抽吸试验研究	李丽丽,刘太秋,傅文广,孙 鹏,徐文峰(107)
定容燃烧弹内流体介质的初始温度场分布	谭 戩,李格升,梁俊杰,程 鹏,张尊华(113)
NOMMT /SBS 复合改性沥青流变性能	郭乃胜,荆华龙,刘 超,赵颖华(122)

期刊基本参数:CN21-1360/U * 1957 * q * A4 * 130 * zh * P * ¥30.00 * 1600 * 18 * 2018-02

责任编辑:张 娴 姚文兵 陈 航 武 峥 英文审校:关德林

Contents

A new and practical numerical calculation method for time-domain Green function	ZHANG Teng, REN Jun-sheng, LI Zhi-fu, BAI Wei-wei(1)
Dynamic path planning for unmanned surface vehicle based on heterologous information fusion	FAN Yun-sheng, LIU Jian, WANG Guo-feng, SUN Yu-tong(9)
Modeling and simulation of twin-propeller unmanned surface vehicle propulsion system based on PMSM	ZHAO Ying-xu, ZHU Jing-wei, BIAN Tao, XIAO Ze-min(17)
Influence of buoy at moored positioning catenary based on piecewise extrapolation	HAN Sen, JIA Bao-zhu, ZHU Rui-jing(25)
Intelligent speed optimization of fixed route ship based on real ship monitoring data	MA Ran-qi, HUANG Lian-zhong, WEI Mao-su, LIU Ting, LIU Yi-fan, WANG Huan-yu(31)
Analysis of horizontal force of rectangular floating body near breakwater	SU Yan(36)
Two direct fatigue calculation methods for ship structures under broadband random loading	ZHOU Chen-yan, ZHANG Jia-ning, SHEN Ya-zhou, ZHANG Tian-yi(41)
Functional evaluation of hydraulic tension buffer system in SEWOL salvage project	YAO Zong, WANG Wei-ping, JIANG Yan, CHEN Shi-hai(48)
Stability of sail-assisted ship in regular waves	WANG Huan, HUANG Lian-zhong, HE Zhi-yong, CHEN Wei-nan(59)
Emergency response options for piracy attacks in Southeast Asia Sea	ZHANG Ling-ye, LV Jing, LI Jing, SUN Mao-jin(65)
Loading optimization problem of container liner	YANG Wei, HAN Xiao-long(72)
Finite element analysis of trolley frame in special working conditions	ZHAO Ding-hui, ZHAO Jie, XIONG Wei, SUN Chang-le(80)
Application of long-short term memory neural network in prediction of mechanical state	CHEN Zai-fa, LIU Yan-cheng, LIU Si-yuan(85)
Influence of blade leading edge design on aerodynamic characteristics of compressor plane cascade	YANG Ling, LI Da-chun, ZHONG Jing-jun, LI Yong-jun(91)
Optimization design of compressor rotor based on bending-swept parameter control	WANG Zhong-yi, QU Feng, WAN Lei, WANG Meng(99)
Experimental study on boundary layer suction of highly loaded stator	LI Li-li, LIU Tai-qiu, FU Wen-guang, SUN Peng, XU Wen-feng(107)
Initial temperature field distribution of fluid medium in constant volume combustion bomb	TAN Jian, LI Ge-sheng, LIANG Jun-jie, CHENG Peng, ZHANG Zun-hua(113)
Rheological properties of NOMMT/SBS composite modified asphalt	GUO Nai-sheng, JING Hua-long, LIU Chao, ZHAO Ying-hua(122)