目 次 Contents

《船舶工程》2016年 第38卷 第1期



海上风电安装船的发展趋势研究 Developing Trend Analysis of Wind Turbine Installation Vessel 张海亚,郑 晨(1)

多功能远洋渔船主推进系统和电站配置研究综述 Study and Overview of Maine Propulsion System and Power Solution of Multi-purpose Fishing Vessel 冯 昊,鄂 飞,陈 晨,王 翊,董治强,杨 玮 (8)

船舶原理、船舶设计与船舶结构

船舶双层底结构与台形礁石碰撞能量及搁浅阻力分析 Analysis of Structural Plastic Deformation Energy and Grounding Resistance of Double-bottom Structure during Shoal Grounding Accidents

姚 琪, 胡志强, 于兆龙 (14)

船型主尺度对溢油回收作业船作业率的影响分析 Analysis on Influence of Ship Main Dimension on Working Efficiency for Oil-recovery Vessel 邰宜峰(20)

柴油—LNG 动力船舶燃料加注燃爆风险分析预测
Explosion Risk Analysis and Prediction of Diesel-LNG Fuel Ship
in Fuel Filling Process
谷家扬,章 培,管义锋,朱培培,刘为民(24)

LNG 双燃料船舶加注过程气罐泄漏爆炸后果分析 Analysis on Explosion Consequence due to Gas Tank Leakage in Fuel Filling Process for LNG Double-fuelled Ship 管义锋,史腾飞,朱培培,姚 潇(31)

船舶机械

船用螺旋桨逆向改型设计方法研究
Research of Design Method of Marine Propeller Reverse Retrofit
丁建波,曹将栋(35)

MAU 型螺旋桨建模与水动力性能分析
Modeling and Hydrodynamic Performance Analysis of
MAU Propeller
薛侠峰,严天宏,何 波 (38)

典型剖面下调距桨装置 RMS 建模仿真与指标综合评价 RMS Modeling Simulation and Evaluation of CPP in Typical Mission Profile

崔忞慜, 戚 珩, 李 光 (43)

某型船用低速柴油机机座推力侧分析 Analysis of Bedplate Thrust Side of One Type of Low-speed Marine Diesel Engine

刘 焱,王 奎,张 建,屠丹红(47)

某船用柴油机 SCR 系统混合器结构参数仿真优化

Simulation and Optimization of Structural Parameters of SCR System Mixer of a Marine Diesel Engine 闵恩华,惠大可,史明伟,章烈琪,曹鹏程,尹自斌 (52)

加海洋ス

主汽门安装方式对汽轮机受力影响分析 Analysis on Influence of Steam Valve Installation Way on Stress of Steam Turbine 王景胜,高怡秋,祝 华 (55)

内河 LNG 燃料船透气管出口高度评估研究 Evaluation Study for Vent Mast Height of Inland LNG-Fuelled Ships 吴顺平,范洪军,罗肖锋,徐建勇(59)

太阳能游览船能量平衡及续航里程研究
Study on Energy Balance and Driving Range of Solar Electric
Sightseeing Boat
陈朝煌, 俞万能(64)

严格排放法规背景下太阳能在船舶上的应用研究 Research on Solar Energy Applications on Ship under Background of Strict Emission Regulations 李 清,李 坤,王利朋,刘 畅(67)

船舶舾装设备、修造工艺与造船材料

球扁钢肋骨纵向弯曲火工矫正研究 Research on Fire Correction of Flat Bulb Steel Frame Longitudinal Bending 向祖权,彭 敏,茅云生(73)

基于广义切线模量理论的铝合金加筋板结构轴压极限强度 分析

Analysis of Ultimate Axial Compressive Strength of Stiffened Aluminum Panel Structure Based on Generalized Tangent Modulus Theory

李彦娜, 董 科 (78)

余压能量回收技术在船用反渗透海水淡化工艺中的应用研究 Application and Research of Pressure Energy Recovery Technology Used in Marine Reverse Osmosis Desalination Process 薛树旗,孙 鑫,刘永强,祝成耀,秦宏展(82)

海洋工程

海洋立管涡激振动抑制装置模型试验研究
Experiment Research on Vortex-induced Vibration VIV
Suppression Devices of Deepwater Risers
翟云贺,康 庄,宋儒鑫,孙丽萍(86)

海洋地震拖缆阻力试验研究
Experimental Investigation on Resistance of Marine
Seismic Streamer
陈 旭,张小卿,张维竞(92)