

目次 Contents

《船舶工程》2017年 第39卷 第2期

船舶原理、船舶设计与船舶结构

UR-S11A 对大型集装箱船结构设计的影响研究

Impact Study of UR-S11A on Structural Design of Large Container Ship

王知谦, 王佳颖 (1)

基于 CFD 的船舶波浪状态下的纯稳性损失求解

Solution of Pure Stability Loss in Condition of Surf-riding Based on CFD

李东, 杨波, 石爱国 (7)

大型集装箱船压载舱溢流保护系统设计和研究

Design and Research of Ballast Tank Overflow Protecting System for Large Container Ship

杨梦婕, 郑志敏 (10)

船舶机械

考虑转换的某高速船用柴油机排气管流固耦合分析

Thermal Analysis of Fluid-solid Coupling of a High-Speed Marine Engine Exhaust Pipe Based on Transition

杨靖, 胡会泳, 刘凯敏, 王子昌, 薛川, 冯仁华 (14)

1000 t 自升式风电安装船动力定位系统设计

Design of Dynamic Positioning on 1000 t Self-elevating Wind Turbine Installation Vessel

卢益峰, 黄超, 汪峥, 沈火群, 胡灵斌 (19)

液压销孔式升降系统结构分析

Structure Analysis of Hydraulic Pin-hole Jacking System

车畅, 周可可, 施海滨, 吴富生, 陈定方 (23)

基于光纤光栅的扭矩传感器

Torque Transducer Based on Fiber Bragg Grating

李涛, 林杰俊, 李江, 齐红丽, 曾志龙, 江舒 (27)

MR 阻尼器瞬态温度场的多场耦合仿真及试验

Multi-field Coupling Simulation and Test on Transient Temperature Field of MR Damper

孙捷超, 冯志敏, 董凯, 王龙飞 (32)

船舶电气、导航、观通设备及自动控制

船舶三端口双向 DC/DC 变换器的能量控制

Power Control of Marine Three-Port Bidirectional DC/DC Converter

曹阳, 金焱, 王良秀, 肖杨婷 (37)

直接优化解析姿态确定方法

Direct Optimizing Analytical Attitude Alignment Method

赵嵩郢, 李京书, 崔国恒, 崔枚 (43)

基于超球支持向量机的船舶高温淡水系统状态评估

State Evaluation of Marine High Temperature Freshwater System Based on Hyper Sphere Support Vector Machine

吴小豪, 张跃文, 孙培廷, 邹永久 (49)

基于北斗救援和 ISPS 规则的船舶人员安保管理系统研究

Research of Ship Personnel Management and Rescue System Based on BeiDou Navigation Satellite System and ISPS Code

张俊雄, 杜子龙, 丁贤根 (53)

船舶舾装、修造工艺与造船材料

气囊爆破失效极端情况下船舶气囊下水安全性研究

Research on Safety of Ship Launching with Airbags under Extreme Condition of Airbag Explosion

李航, 方晓波, 余龙 (59)

某散货船舱口围肘板趾端开裂原因及节点优化方案分析

Analysis of Toe Crack on a Bulk Carrier's Hatch Coaming Bracket and Node Optimization Plan

刘普星 (64)

基于条码的船板切割过程管理研究

Research on Management of Ship Plate Cutting Process Based on Barcode

马晓平, 姜伟, 姚魔, 刘林志 (69)

船舶防护涂层厚度的太赫兹无损定量评估

Terahertz Quantitative Nondestructive Evaluation of Marine Protective Coating Thickness

涂婉丽, 钟舜聪, 徐轶群 (73)

智能船舶

增材制造技术在船舶制造领域的应用进展

Application Progress of Additive Manufacturing Technology in Shipbuilding Field

周长平, 林枫, 杨浩, 王振强, 姜凤春, 陈海龙 (80)

智能润滑技术在船舶智能化发展中的应用

Application of Intelligent Lubricating Technology in Ship Intelligent Development

殷勇勤, 赵传达, 彭文林, 吕友林 (88)

果蝇算法在基于 LSSVM 智能水下机器人操纵运动模型辨识中的应用

Application of Fruit Fly Optimization Algorithm in Model Identification of Maneuverability Motion of Underwater Vehicle Based on LSSVM

孙玉山, 徐昊, 曹东东, 庞永杰 (94)

基于变权值令牌环模型的无人水下飞行器推进系统网络研究

Research on Population System Network of Unmanned Underwater Vehicles Based on Weight-variable Token-ring Model

丁天成, 刘彦呈, 赵友涛, 郭昊昊, 梁晓玲 (99)

