

目次 Contents

《船舶工程》2016年第38卷第2期



船舶原理、船舶设计与船舶结构

基于结构强度的超细长三体船片体布局优化的研究
Research on Arrangement Optimization of Side Hulls for Ultra-slender Trimaran Considering Hull Strength
徐伟 (1)

作业状态下铺管船托架联合体的水动力性能研究
Research on Hydrodynamic Performance of Pipe Laying Vessel with Stinger during Operating
陈永新, 王雄之, 闫宏生 (4)

考虑定常兴波影响的辐射问题去奇 Rankine 源方法数值计算
Numerical Calculation of Radiation Problem Capturing Steady Wave Making Effects by Desingularized Rankine Panel Method
梅天龙, 吴静萍, 邹早建, 刘敏 (9)

抛落式玻璃钢救生艇入水分析
Free Fall Fiber Glass Lifeboat Water-entry Analysis
李艳臣, 熊伟, 方佩文 (14)

面向海洋平台支持船的阻力组合近似模型构建
Construction of Ship Resistance Combined Metamodel for Offshore Supply Vessels
李冬琴, 蒋志勇, 赵欣 (18)

4 700 TEU 船空船重量控制分析研究及实施方案
Solution and Research on Lightweight Control of 4 700 TEU Container Ship
马乔一, 杨可明 (23)

船体表面海洋污损生物附着规律分析
Analysis of Biofouling Occurrence Trends on Ship Hull Surface
杨宗澄, 白秀琴, 姜欢, 袁成清 (29)

船舶机械

全回转吊舱螺旋桨设计及其水动力性能研究
Design of Full-rotating Podded Propeller and Study on the Characteristic of Its Hydrodynamics
罗晓园 (34)

船舶推进轴系孔径比取值范围的优化研究
Optimization of the Range of Aperture Ratio of Marine Propulsion Shafting
王瑞, 朱汉华, 陈志坚, 张喜胜, 张培建 (39)

轴法兰螺栓安装失效机理分析
Mechanism Analysis of Installation Failure of Flange Bolts
施睿贇, 杨文凯 (43)

多用途重吊船 700 t 重吊保障装置存放布置研究
Research of Safeguard Devices Storage Layout for 700 t Heavy Crane on Multi-purpose Heavy Crane Cargo Ship
刘靖桥, 王果 (46)

羟基自由基压载水处理系统实船应用
Application of Hydroxyl Radicals Ballast Water Treatment System on Ship
孟祥盈, 陈操, 白敏冬, 张芝涛 (51)

制备工艺对活性炭吸附船舶含油污水容量的影响
Influence of Process Parameters of Synthesizing Activated Carbon on its Adsorption Capacity of Ship's Oily Water
李松, 郑青榕, 冯玉龙 (56)

船舶电气、导航与观通设备

基于复杂网络理论的舰船电网关键元件辨识方法
Recognition Method of Critical Elements of Shipboard Electric Grid Based on Complex Network Theory
杜建明, 晋建厂, 冀欣 (61)

舰船电力网络薄弱环节辨识方法研究
Research on Recognizing Weak Parts of Shipboard Power Grid
梅丹, 王公宝, 叶志浩 (66)

含轴带发电机的船舶电站协调控制
Coordinated Control of Marine Power Station Including Shaft Generators
付文秀, 杨帆, 高玮 (69)

船用逆变器电流随动控制策略研究
Research on Current Adaption Control Strategy on Inverter of Ship
王国玲, 许顺孝, 廖卫强, 常玉岗, 俞万能 (74)

海洋工程

大型海洋平台上部组块提升和顶升技术
Review on the Topside Lifting and Jacking Technology of Mega Offshore Platform
金如峰, 刘广辉, 陈广宁, 林焰, 于雁云 (80)

深水刚性跨接管安装过程中关键因素分析
Analysis of Key Factors for Installation of Deepwater Rigid Jumper
康庄, 张立健, 张立, 牛之友 (88)

LNG-FPSO 单点系泊系统设计分析研究
Research on Design of LNG-FPSO Single Point Mooring System
张鼎, 时永鹏, 陈忱, 黄维 (93)