

目次 Contents

《船舶工程》2017年第39卷第11期



船舶原理、船舶设计与船舶结构

深水钻井船双联井架作业系统设计
Design of Dual Derrick Operation System for Deep-water Drilling Ship
赵建亭, 杨梦婕 (1)

基于 ANSYS 的双船抬浮打捞作业起重系统基座的结构设计
Crane Supporting Structure Design of Tandem Lifting System for the Wreck Recovery Based on ANSYS
金鑫, 杨鹏, 陈世海, 汪有军 (6)

大型集装箱船甲板堆重的影响因素
Factors Influencing Stack Weight on Deck of Large Container Vessels
万忠, 喻义华, 季建洲 (9)

水线面大开口深拖母船的阻力性能研究
Resistance Performance Study of Deep Towed System's Mother Ship with Notch
潘放, 刘亚东 (13)

超大型自航抓斗挖泥船作业流程载荷分析
Load Analysis of Ultra-large Self-propelled Grab Dredger during Operation Process
赵惠, 陈新权, 杨启, 万浩, 张润喜 (18)

船舶碰撞损伤风险分析方法及应用
A Method for Ship Collision Damage Risk Analysis and Its Application
刘俊峰, 胡志强 (23)

船舶机械

空气动力艇回转式推进装置的动力学特性
Dynamic Characteristics of Rotary Propulsion Device for Airboat
孙玉伟, 王东辉, 向家涛, 汤旭晶, 赵晓兴 (30)

小型船舶柴油机缸套表面环形槽结构的摩擦磨损性能试验
Performance Test on the Friction and Wear Properties of Small Marine Diesel Engine Cylinder Liner Surface with Annular Groove Structure
饶响, 盛晨兴, 郭智威, 袁成清 (35)

进气压力对柴油微引燃乙醇发动机的影响
Influence of Intake Pressure on Diesel Micro Ignition Ethanol Engine
陈桢皓, 李铁, 王斌, 郑明 (40)

半潜船中央空调解决方案
Solution for Central Air Conditioning System on Semi-submersible Ships
童雨舟, 黄孟伟, 汪海燕 (44)

船舶近体应急围油栏模拟围油研究
Simulative Siege of Oil Study of Shipborne Lash-up Oil Boom Laid Close to Broken Hull
侯恕萍, 王钦政, 于海洋, 张俊, 黄卫联 (49)

船舶舾装、修造工艺与造船材料

压载荷下骨材贯穿孔孔边应力集中模型试验
Model Test of Hole-edge Stress Concentration of Through Holes for Longitudinal under Pressure Load
赵辰水, 刘昆, 程遥, 吴华强, 王兴 (53)

带止屈器的复合材料圆柱壳结构屈曲分析及优化
Buckling Analysis and Optimization of Composite Cylindrical Shell Structure with Buckle Arrestors
刘洋, 桂洪斌, 许志勇 (59)

Q235 钢等离子喷涂 Cr_2O_3 涂层性能研究
Performance Study of Plasma Sprayed Cr_2O_3 Coating on Q235 Steel
夏瑞, 顾彩香, 朱云鹏, 刘未来 (65)

基于粗糙-模糊软计算的船板线加热成形加工参数预报方法
Method of Line-heating Process Parameters Forecast Based on Rough-fuzzy Soft Computation
冯志强, 柳存根, 杨润党, 韩翔希, 黎永壹, 焦自权 (69)

海洋工程

海洋核动力平台海洋环境设计基准概率论法
Probability Theory Method Applied in Ocean Environment Design Basis of MNNP
郭健, 尤小健, 张乃樑, 郑亚雄, 齐江辉 (75)

FPSO 外输系统动力响应及风险分析
Dynamic Response and Risk Analysis of FPSO Offloading System
付礼鹏, 唐友刚, 高喜峰, 孙丽萍, 何鑫 (80)

多浮筒悬链线系泊系统计算软件的开发及试验
Development and Experiment of Calculation Software for Multi-buoy Catenary Mooring System
于文太, 辛凤娟, 梁学先, 陆建辉 (88)

基于有限元法的海底管道埋深计算
Buried Depth Calculation of Subsea Pipeline Based on Finite Element Method
张磊, 王振宁, 甘浪雄, 欧阳颖 (93)

海底电缆铺设回泥面的水动力分析
Hydrodynamic Analysis of Sub-sea Cable during Process of Laying Back to Seabed
王美琦, 朱克强, 赵望奇, 毛焱飞, 李家旺, 徐庭留 (99)