

目次 Contents

《船舶工程》2016年第38卷第6期



船舶原理、船舶设计与船舶结构

冰区加强 LNG 船舷侧抗撞性能仿真研究
Numerical Simulation of Strengthening Side Crashworthiness of LNG Ships in Ice Zone
徐双东, 胡志强, 陈刚 (1)

内河船舶可靠性分析中的波浪弯矩统计与极值分布
Statistics and Extreme Value Distribution of Wave-induced Bending Moment for Reliability Analysis of Inland Waterway Ships
陈钰, 邓乐, 唐文勇 (6)

平头方尾运输船舶开槽减阻研究
Research on Drag Reduction of Transport Ship with Flat Bow and Transom Stern Using Tunnels
胡帆, 丁江明 (10)

船舶机械

基于多体动力学仿真的柴油机传动齿轮故障机理与监测方法研究
Research on Diesel Engine Drive Gear Fault Mechanism and Monitoring Methods Based on Dynamic Simulation
敖晨阳, 霍柏琦, 么子云, 陈新传, 张进杰 (14)

某船用柴油机齿轮箱端盖安装间隙值研究
Computational Research on Assembly Clearance of Gear Box Cap for Certain Marine Diesel Engine
王奎, 刘利军, 吴朝晖, 朱小平 (17)

某型调距桨装置桨毂组件光弹性实验研究
Photoelastic Research on Stresses in Hub of Certain Controllable Pitch Propeller
史俊武, 谢清程, 杨文凯 (22)

大型船舶推进轴系与船体变形耦合响应分析
Coupling Response Analysis of Propulsion Shafting and Hull Deformation for Large Ships
葛玉文, 杨平, 黄喆 (26)

基于复合建模方法的轴系扭转振动特性及仿真
Torsional Vibration Characteristic and Simulation Based on Combined Modelling Method
张保刚, 李颖, 车驰东 (31)

声学双作用系统谐振管内部声场研究
Research on Sound Field inside Resonance Tube
张少凯, 聂冉, 童欢 (37)

U型减摇水舱模型试验与数值仿真
Model Test and Fluid Simulation of U Type Anti-rolling Tank
吴建林, 邵昱, 刘少卿, 马婷 (42)

船用起重机伸缩套管减摇装置原理和实验
Principle and Experiment Simulation of Telescopic Sleeve Anti-swing Device of Marine Crane
韩广冬, 李航, 陈海泉, 孙玉清, 张金男, 王生海 (45)

船用特种设备专用喷嘴和其加工模具的设计
Design of Tailor-made Nozzle and Its Machining Moulds for Certain Marine Special Equipment
杨顺成, 王建兵, 张俊锋, 胡登明, 张康 (50)

海洋工程

水下捕捞机器人的研究现状与发展
Research and Development of Underwater Fishing Robot
丛明, 刘毅, 李泳耀, 刘冬, 杜广胜 (55)

波流耦合作用下导管架平台整体结构静力分析
Overall Structure Static Analysis of Wave Jacket Platform under Coupling
祝晓燕, 赵光艺, 崔月瑶 (61)

利用溴化锂吸收式空调回收海洋平台余热的应用研究
Application Research of Waste Heat Recover by Using LiBr Absorption Air Conditioner on Offshore Oil Platform
张凯, 牛卫民, 刘纯青 (65)

基于 OrcaFlex 的某跨接缆的动态分析
Dynamic Analysis for Bridle Cable Based on OrcaFlex
杨保成, 迟明, 张宗政, 徐伟, 白勇 (69)

水下采油树钢结构焊接残余应力消除
Elimination of Welding Residual Stress on Steel Structure of Subsea Christmas Tree
冯斌, 郝伟修, 张鹏举, 袁锦红 (73)

潜水车辆静水潜浮最优控制方法与夹逼控制算法研究
Research on Optimal Control Method and Squeeze Control Algorithm for Submerging of Submersible Vehicle in Static Water
汪国胜, 王璐, 张洪康, 药凌宇 (77)

基于 Pro/E 的圆锥滚子弧面分度凸轮参数化设计与单侧面加工研究
Parametric Design Based on Pro/E and Research on One-side Machining for Tapered Roller Globoidal Indexing Cam
杜宇, 尹明富, 运飞宏, 王仁华 (82)

造船管理

设计变更对船舶建造中材料成本的影响分析
Impact Analysis of Design Change on Material Cost in Shipbuilding
潘燕华, 孙迪文 (88)