目 次 Contents

《船舶工程》2017年 第39卷 第8期

船舶原理、船舶设计与船舶结构

大型豪华邮轮结构设计的难点及对策分析 Difficulties and Countermeasure Analysis of Structure Design of Large-size Luxury Cruise 罗小林,甘水来(1)

基于实用 LCA 的绿色江海直达船型环境负荷分析与方案比选 Environmental Load Analysis and Scheme Optimization of Green Sea-river-through Ship Based on Practical LCA 蔡 薇, 龚宏中, 刘中凯,杨静语 (5)

75 000 t 散货船阻力预报方法
Resistance Prediction Method of 75 000 t Bulk Carnet
方海鹏,陆梅兴,黄 超(10)

基于船体梁的船体弹性变形预报方法
Elastic Deformation Prediction Method of Hull
Based on Hull Girder
黄 强,李 辉,任慧龙,吴兆年,王字博(13)

集装箱船扭转强度和加强方式研究

Study of Structure Reinforcement and Torsional Strength of

Container Ships

崔科科(18)

超大型集装箱船方形系数及载箱量优选研究
Optimum Seeking Method Study of Block Coefficient and
Container Capacity of VLCS
谷 宇, 包 岩, 邓 强 (21)

船舶机械

无轴轮缘推进器中可拆卸螺旋桨的性能分析 Performance Analysis of Detachable Shaftless Rim Propeller 贾文超,樊思明,刘正林,王瑞婷,杨林枫,屈文玺(25)

8 000 m³ 自航耙吸挖泥船"一拖三"复合驱动方式分析 Analysis of "One Input and Three Outputs" Compound Drive Scheme for 8 000 m³ Self-propelled Trailing Suction Hopper Dredger 盛晨兴,宁赳雄,万 滔 (30)

基于联合仿真技术的转缸式斜盘活塞发动机动力学研究 Dynamic Study of Revolving Cylinder Swashplate Engine Based on Co-simulation 李 鑫,杨赪石,彭 博,宋 文,李 波 (35)

船用柴油机排气消声器声学特性计算及试验验证 Simulation and Test Verification of Acoustic Attenuation Characteristics of Marine Diesel Engine Exhaust Silencers 李 赫,徐贝贝(40) 某船用转运装置泵站的减振降噪改进设计
Improved Design for Pump Station Vibration Reduction and
Noise Control of Certain Ship Handling Device
浦 军, 胡卫国 (43)

打桩船植桩工艺特性及动力系统最佳配置研究 Research on Piling Technical Characteristics and Optimum Configuration for Power System of Piling Ship 陈小玉,罗 农,万会雄,万 高(46)

新型隔舱密封装置的研制 Resarct, and Manufacture of New Bulkhead Seal 下锋减 杨 辉,陈 波(52)

节能减排

106 12, 27

基于正交设计的船用柴油机燃烧系统参数匹配及优化 Parameter Matching and Optimization of Combustion System of Marine Diesel Engine Based on Orthogonal Design Method 黄朝霞,黄加亮,徐 虎,孙思远,杨柏枫(55)

船舶 SCR 系统陶瓷催化 - 过滤器烟气正向流动状态仿真与结构优化 Simulation and Structure Optimization of Gas Forward Flow State in Ceramic Catalytic-filter of Ship SCR System 王 满,张洪朋,付洪发(60)

海洋工程

CJ46 自升式钻井平台总体布置的优化设计 Design Optimization for General Arrangement of CJ46 Jack-up Drilling Unit 刘 鹤,王 芳(65)

导管架平台生活楼波纹板等效模型研究 Research on Equivalent Model of Corrugated Plate Used in Living Quarter of Jacket Platforms 张树德,朱本瑞,杨树耕,陶 旭 (69)

建造偏差对载人潜水器性能影响评估
Estimation of Effect of Construction Deviation on Performance of
Manned Submersible
陈伟华,马向能,彭亮斌(74)

复合材料立管抗屈曲能力的提高方法 Improving Method for Buckling Resistant Ability of Composite Riser 陈传杰,董 科(78)

深海立管系统参数激励实验模拟装置设计
Design of Simulation Machine for Parametric Excitation Test of
Marine Deep-sea Riser System
赵 野, 王海燕 (84)