



专题：渔船技术及设备

小型双甲板远洋拖网渔船结构优化设计
Structure Optimization Design of Small Ocean-going Fishing Trawler with Double Deck
金娇辉 (1)

基于有限元法的渔船碰撞仿真
Fishing Boat Collision Simulation Based on Finite Element Method
郑振豪, 尹木兰, 苏伟江 (4)

计及渔具影响的拖网渔船阻力性能预报
Drag Performance Prediction of Fishing Trawler Considering Influence of Fishing Gear
王立军, 张浩, 谢永和 (8)

船舶原理、船舶设计与船舶结构

三体船疲劳强度评估方法对比
Comparison of Evaluation Methods for Trimaran Fatigue Strength
李哲, 任慧龙, 张鸣, 张浩辉, 董传瑞 (13)

C型独立液舱的疲劳载荷及工况组合
Fatigue Load and Load Case Pair of Type-C Independent Liquid Cargo Tank
郑雷, 黄小平, 李海洲, 秦斌 (17)

基于物面重叠的多附体船舶阻力数值模拟
Resistance Numerical Simulation of Ship with Appendages Based on Surface Overlap
朱锋, 赵发明, 王丽艳, 李胜忠 (21)

基于低表面能设计的船体表面绿色防污研究进展
Research Progress on Ship Hull Green Antifouling Based on Low Surface Energy Design
肖劲飞, 袁成清, 曹攀, 白秀琴 (25)

船舶机械

丁酸甲酯在低转速二冲程内燃机中的 NO_x 燃烧特性
 NO_x Burning Characteristics about Methyl Butanoate in Low Speed Two-Stroke Internal Combustion Engine
丁杨, 宋立国, 赵锐, 潘新祥, 姚丽 (31)

特殊用途重载轴承滚子型线参数的优选设计
Optimal Design of Roller Profile Parameters of Heavy-Duty Bearing for Special Purpose
林金国, 傅达, 夏占, 李玉稳, 李林剑, 崔毅 (35)

受附加载荷的绞车轴瓦应力响应机理
Stress Response Mechanism of Winch Bearing with Additional Load
葛杨, 胡安继, 徐嘉亮, 蒋圣鹏 (40)

离心通风机压力脉动形成原因及典型位置的脉动特性
Cause of Pressure Pulsation of Centrifugal Ventilator and Pulse Characteristics at Typical Position
丁可金, 王强, 王璐, 吕亚 (44)

清洁能源及应用技术

变桨器故障引发停机对海上桁架式Spar风机运动的影响
Influence of Shutdown Procedure Caused by Pitch Actuator Fault on Motion of Truss-Spar-Type Offshore Wind Turbine
李嘉文, 唐友刚, 曲晓奇, 李焱, 张若瑜 (49)

大功率海上风电机组传动链的固有频率计算
Calculation of Natural Frequencies of Drive Train of High-Power Offshore Wind Turbine
赵琦伟, 陶友传, 董晔弘, 谭建军 (55)

带有弹性索的潮流能电站系泊系统的设计及特性
Design and Characteristics of Mooring System of Tidal Current Energy Power Station with Elastic Cable
马勇, 李炳强, 徐颜, 胡超, 周丙浩 (60)

振荡浮标式波浪能发电机设计参数的初步选定
Tentative Identification for Design Parameters of Oscillating Floater Buoy Wave Energy Converter
毛焱飞, 朱克强, 周晨, 于春令, 荆彪, 张大朋 (65)

极浅水多体波浪能发电装置锚泊系统设计
Design of Mooring System of Multi-body Wave Energy Converter in Ultra-Shallow Water
韦斯俊, 王义, 高明, 梁园华, 韩凌 (70)

海洋工程

基于柔性管线的Flex-Lay铺管船的发展
Development of Flex-Lay Vessels Based on Flexible Pipelines
张印桐, 梁富浩 (77)

深水海底管道S型起始铺设中海管的完整性评估
Integrity Assessment of Pipeline during Initiation Installation of Deepwater S-Lay Pipeline
李建楠, 白艳彬, 李斌, 宋亚新, 高庆有 (83)

海洋平台大型生活区模块吊装方案的设计及优化
Design and Optimization of Lifting Scheme for Large Scale Living Area Module of Offshore Platform
沈中祥, 刘寅东, 刘桂香 (89)

柔性立管构型比选及目标油田构型推荐
Flexible Riser Configuration Comparison and Recommendation for Target Oilfield Configuration
石云, 周晓东 (94)