

上海海事大学学报

第 47 卷 第 2 期 2026 年 6 月

目 次

基于海上交通态势聚类分析的智能船舶运行状态自适应切换机制	吉哲, 张英俊, 王凤武, 王少博, 杨嘉卉(1)
水下四旋翼航行器在近岸波浪扰动下的 MPC 跟踪控制方法	方琰, 张礼华, 王保强, 王旌凯, 金州洋(9)
高海况下的燃料油供受船协同横摇控制	孙凌杰, 陈超(19)
分时电价下港口电动拖船调度优化	林嘉辰, 初良勇, 杜嘉音(27)
考虑不确定因素的岸桥与 AGV 联合调度优化	王晶, 张伊高娃, 荣晓明, 涂闯(35)
考虑充电策略的 U 形自动化码头 AGV 弹性调度	谢天豪, 余芳, 杨勇生(44)
基于列与约束生成的港口岸电调度两阶段鲁棒优化方法	唐旭峰, 章强(53)
“双碳”背景下考虑客户期望发货日期的绿色车辆路径优化	干宏程, 刘蒙, 陈雨蝶, 程亮(59)
基于改进自适应遗传算法的农村物流共同配送路径优化	宾厚, 刘妃, 万茹梦(71)
考虑价格异质的整车车货匹配算法	邢大宁, 孙旭良, 李鑫(80)
多智能体强化学习驱动的双渠道供应链分布式库存控制	王丹, 周建频(89)
基于 LEAP 的公路货运降碳潜力与成本分析——以长三角为例	吴明珍, 王直欢, 尚赞娣, 刘鑫鑫, 叶劲松, 刘晗(98)
交能融合视角下的长江上游绿色航运发展策略研究	盛进路, 李涛(106)
考虑拥堵干扰的港口韧性评价	常征, 索明利, 范瀚文(117)
动态双权重船端网络模糊逻辑决策模型	何勇海, 秦禄生, 孙晓倩, 孟子淞, 王正菲(126)
通道注意力机制与 ResNet34 融合的油润滑船舶艉轴承磨损故障诊断	王永坚, 李劼, 吴莹莹, 吴家旺(135)
基于 DEM-FEM 的螺旋卸船机螺旋叶片失效仿真分析	刘海洋, 梅潇, 江川, 刘爱兵, 王细平(144)

[期刊基本参数] CN 31 - 1968 / U * 1979 * q * A4 * 154 * zh + en * P * ¥ 25.00 * 500 * 17 * 2026-06 * n

本期责任编辑: 贾裙平, 赵勉, 葛亚娟

Journal of Shanghai Maritime University

Vol. 47 No. 2 Jun. 2026

Contents

Self-adapting switching mechanism for operational states of intelligent ships based on maritime traffic situation clustering analysis	JI Zhe, ZHANG Yingjun, WANG Fengwu, WANG Shaobo, YANG Jiahui (1)
MPC tracking control method for underwater quadrotor vehicles under nearshore wave disturbances	FANG Yan, ZHANG Lihua, WANG Baoqiang, WANG Jingkai, JIN Zhouyang (9)
Coordinated roll control of oil supply ships and receiving ships in high sea conditions	SUN Lingjie, CHEN Chao (19)
Scheduling optimization of port electric tugboats under time-of-use electricity pricing	LIN Jiachen, CHU Liangyong, DU Jiayin (27)
Optimization of joint scheduling of quay cranes and AGVs considering uncertainties	WANG Jing, ZHANG Yigaowa, RONG Xiaoming, TU Chuang (35)
AGV flexible scheduling in U-shaped automated terminals considering charging strategy	XIE Tianhao, YU Fang, YANG Yongsheng (44)
A two-stage robust optimization approach based on column-and-constraint generation for shore power scheduling in ports	TANG Xufeng, ZHANG Qiang (53)
Green vehicle routing optimization considering customer expected dispatch dates under “dual carbon” background	GAN Hongcheng, LIU Meng, CHEN Yudie, CHENG Liang (59)
Optimization of rural logistics joint distribution routing based on an improved adaptive genetic algorithm	BIN Hou, LIU Fei, WAN Rumeng (71)
Whole vehicle-cargo matching algorithm considering price heterogeneity	XING Daning, SUN Xuliang, LI Xin (80)
Multi-agent reinforcement learning-driven distributed inventory control in dual-channel supply chains	WANG Dan, ZHOU Jianpin (89)
Carbon reduction potential and cost analysis of road freight based on LEAP: a case study of the Yangtze River Delta	WU Mingzhen, WANG Zhihuan, SHANG Zandi, LIU Xinxin, YE Jinsong, LIU Han (98)
Research on development strategy of green shipping in upper reaches of Yangtze River from perspective of Transport-Energy Integration	SHENG Jinlu, LI Tao (106)
Port resilience evaluation considering congestion interference	CHANG Zheng, SUO Mingli, FAN Hanwen (117)
Dynamic dual-weight fuzzy logic decision model for shipboard networks	HE Yonghai, QIN Lusheng, SUN Xiaoqian, MENG Zisong, WANG Zhengfei (126)
Fault diagnosis of oil-lubricated ship stern bearing wear based on fusion of channel attention mechanism and ResNet34	WANG Yongjian, LI Jie, WU Yingying, WU Jiawang (135)
Failure simulation analysis of screw blades in screw unloaders based on DEM-FEM	LIU Haiyang, MEI Xiao, JIANG Chuan, LIU Aibing, WANG Xiping (144)

Editors in Charge: JIA Qunping, ZHAO Mian, GE Yajuan