数字海洋与水下攻防 2023年10月第6卷第5期 (总第31期)

◎《中国学术期刊影响因子年报》统计源期刊 ◎《	万方数据——数字化期刊群》收录期刊 中国核心期刊(遴选)数据库》收录期刊 8星期刊域出版平台全文收录

目 次

"海洋电磁探测装备与技术"专题

基于矢量磁异常三维成像的隐蔽目标探测赵柏儒,李厚朴,张恒磊,朱红巍(528))
浅海未爆弹磁异常探测和定位技术沈 莹,杨晓宝,王嘉增,杨雷贤,陈 诚,李宝聚(534))
微分有限元海缆磁异常探测方法研究)
基于改进 LM-GN 算法的磁性目标定位方法研究李 佳, 邱 伟, 邹劭芬(552))
基于磁异常信号解析的目标速度特性研究艾 佳,蓝 强,马树青,张理论, 仝青山(562))
舰载直升机中磁罗盘方位角测量误差分析伍东凌,邓超凡,孟 诚(569))
基于稀疏贝叶斯学习的水下电场测向方法…余白石,刁逸帆,钱 良,吴云具,邵 成,赵治平(575))
基于海底侦测的目标轴频电磁场幅值特性研究)
空-地二层介质中极低频电场特性研究宋新昌,程锦房,吴云具,孙晓君,赵治平,邵 成(595))
两步 SVD 在极低频电场透地通信中的应用吴云具,孙 畅,提文猛,宋新昌(602))
基于磁电信息融合的海上目标探测方法)

研究与应用

基于辐射噪声特征的舰船目标识别分类方法综述杜立彬, 王政凯, 吕,	志超,	刘铭扬,	王	磊(61	3)
无人潜航器交战行为分层建模方法尤	岳,	黄昱申,	陈	科(62	2)
基于贝叶斯网络的潜艇战损抢修优先权的研究		覃 辉,	翁	辉(62	9)
利用压电效应进行水下声能量收集的研究			…黄志	浩(63	8)

DIGITAL OCEAN & UNDERWATER WARFARE

Oct., 2023, Vol. 6, No. 5 (Sum No. 31)

CONTENTS

Covert Target Detection Based on 3D Imaging of Vector Magnetic Anomaly
ZHAO Bairu, LI Houpu, ZHANG Henglei, ZHU Hongwei (528)
Magnetic Anomaly Detection and Localization Technology of Unexploded Ordnance in Shallow Water
SHEN Ying , YANG Xiaobao , WANG Jiazeng , YANG Leixian , CHEN Cheng , LI Baoju (534)
Research on Magnetic Anomaly Detection for Submarine Cables Based on Differential Finite Element Method
SHI Jiedong , QIAN Changhai , WANG Jiazeng , GAO Junqi (542)
Research on Magnetic Target Localization Based on Improved LM-GN Algorithm
LI Jia , QIU Wei , ZOU Shaofen (552)
Research on Target Speed Characteristics Based on Magnetic Anomaly Signal Analysis
AI Jia , LAN Qiang , MA Shuqing , ZHANG Lilun , TONG Qingshan (562)
Analysis of Azimuth Measurement Error of Magnetic Compass in Shipborne Helicopter
WU Dongling, DENG Chaofan, MENG Cheng (569)
Underwater Electric Field Direction Finding Method Based on Sparse Bayesian Learning
YU Baishi , DIAO Yifan , QIAN Liang , WU Yunju , SHAO Cheng , ZHAO Zhiping (575)
Research on Amplitude Characteristics of Target Axial-frequency Electromagnetic Field Based on Undersea
Detection
Study on ELF Electric Field Characteristics in Air-ground Two-layer Medium
····SONG Xinchang, CHENG Jinfang, WU Yunju, SUN Xiaojun, ZHAO Zhiping, SHAO Cheng (595)
Application of Two-step SVD Filter in through-the-earth ELF Communications
WU Yunju , SUN Chang , TI Wenmeng , SONG Xinchang (602)
Maritime Target Detection Based on Magnetoelectric Information Fusion
CHEN Shuai, DONG Hao, LIU Yuting (607)
A Review of Ship Target Recognition and Classification Methods Based on Radiated Noise Features
DU Libin, WANG Zhengkai, LYU Zhichao, LIU Mingyang, WANG Lei (613)
A Hierarchical Modeling Method of UUV Combat ActionsYOU Yue , HUANG Yushen , CHEN Ke (622)
Research on Priority of Submarine Battle Damage Repair Based on Bayesian Network
QIN Hui , WENG Hui (629)

Research on Underwater Acoustic Energy Harvesting by Piezoelectric Effect------HUANG Zhihao (638)