

ISSN 1008-1194
CODEN TYKXAM

探测与控制学报

JOURNAL OF DETECTION & CONTROL

第34卷
Vol.34

第5期
No.5

5
2012

ISSN 1008-1194



万方数据

西安机电信息研究所
机电工程与控制国家级重点实验室
中国兵工学会

MAIN CONTENTS

Characters of Cloud and Fog Backscattering of Laser ZHANG Jingguo, LIU Jianxin, NIU Qingpo, TANG Jun(1)

Integrative Driving Circuit and Its Layout of Pulsed Laser Diode CUI Jinglin, LIU Xiaoke, GENG Zhixiang, WANG Chuntao(5)

Effect of Sampling Impulse Width on Impulse Radar Fuze Echo SNR SONG Baojun, FU Hongwei, WANG Xin(11)

Moving Sound Source DOA Estimation Based on Independent Component Analysis NING Qiang, FANG Xiang, PAN Jun, XIAO Jieshan, HE Shuangcheng(16)

Characteristics of Stealth Fighter RCS on Short Wave Band WANG Kai, WANG Jianlu, HAN Guoxi, FU Congyi(20)

Fluid Dynamics Simulation on Turbine Institutions of Underwater Rocket Fuze QI Xianshan, LI Haojie, SHEN Dezhang(24)

Whole Direction Monopole Antenna for GPS Receiver YU Lijun, NIU Jiaping, DU Yingsen, LIU Jianfei(29)

Noise Modulation for MIR Power Increasing DENG Shengli, SHENG Hao, YUAN Lige(33)

Fixed Points Positioning Based on Mobile Communication Network and DGPS LIU Qiang, WU Guodong, WANG Zhijun, SUN Hua, REN Hai(37)

Adaptive Noise Cancellation Method Based on Model Predictive Control DUN Peng, ZHU Xiaosong, LI Yongtao(42)

Flight Target Localization Based on Grouping Particle Swarm Optimization YAO Jinjie, HAN Yan, WANG Liming, BAI Peirui(46)

Magnetic Dipole Single-point Tensor Positioning Based on the Difference Method LI Guang, SUI Yangyi, LIU Limin, LIN Jun(50)

Missile-borne Storage Test Instrument Based on CPLD WANG Yongfang, FAN Jinbiao, WANG Yan(55)

Analysis Model of Target Position Error Affecting Threat Level Evaluation ZHOU Guohui, XIE Jing, LI Ding(59)

Gun Gauge of Low Power Consumption Based on Differential DC Charging WANG Yajun, LI Xin'e, MA Yingzhuo, WANG Peng(63)

High-resolution Imaging of Cognitive Radar Based on Compressive Sensing SUN Fenglian, ZHANG Qun, LUO Ying, GU Fufei, ZHU Feng(68)

Distribution Model of Ground Level LEMP ZHAO Yulong, LIU Guangbin, YU Zhiyong, HUANG Wei(72)

Application of Hypersphere Square Root UKF on Initial Alignment of SINS WANG Yuegang, YU Yue, LEI Yanlong, CHEN Suyi(77)

目 次

近距云雾散射激光回波特征 张京国,刘建新,牛青坡,唐 俊(1)

一体化脉冲式半导体激光器驱动电路及其布局 崔景霖,刘晓科,耿志祥,王春涛(5)

取样脉冲宽度对冲激引信回波信噪比的影响 宋宝军,付红卫,王 欣(11)

基于独立分量分析的运动声源波达方向估计 宁 强,方 向,潘 俊,肖介山,何双承(16)

仿真得出的隐身飞机短波波段雷达截面积特性 王 凯,王建路,韩国玺,傅从义(20)

水下火箭弹引信定距用涡轮流体动力特性 齐献山,李豪杰,沈德璋(24)

卫星定位接收机用棒状单极子天线 于利军,牛家萍,杜英森,刘剑霏(29)

噪声调制的超宽带微功率冲激雷达 邓胜利,盛 浩,袁立革(33)

基于移动通讯网与差分 GPS 的定点定位系统 刘 强,吴国东,王志军,孙 华,任 海(37)

基于模型预测控制的自适应噪声抵消方法 敦 鹏,竺小松,李永涛(42)

基于分组粒子群的飞行目标定位方法 姚金杰,韩 焱,王黎明,白培瑞(46)

基于差分的磁偶极子单点张量定位方法 李 光,随阳轶,刘丽敏,林 君(50)

基于可编程逻辑器件的弹载存储测试仪 王永芳,范锦彪,王 燕(55)

目标位置误差对威胁等级评定影响的分析模型 周国辉,谢 井,李 鼎(59)

火炮测压器的差动直流充电法等低功耗措施 王亚军,李新娥,马英卓,王 鹏(63)

基于压缩感知的认知雷达高分辨成像 孙凤莲,张 群,罗 迎,顾福飞,朱 丰(68)

雷电电磁场空间分布模型 赵玉龙,刘光斌,余志勇,黄 伟(72)

超球体平方根平淡卡尔曼滤波及其应用 王跃钢,蔚 跃,雷堰龙,陈苏邑(77)