

## TABLE OF CONTENTS 目 录

上行瑞利衰落信道下 SCMA 码本设计

**Design of SCMA Codebook for Uplink Rayleigh Fading Channel**

高志成, 李旭东.....9

基于芳纶被复线远距离排爆头盔语音通信系统设计及应用

**Design and Application of an Ultra Distance Voice Wire Communication System Based on Aramid Linear Connection for Explosive Disposal Helmet**

王誉天, 唐剑兰, 刘鑫.....17

WiFi 信号传播与无线 AP 定位研究

**Study of WiFi Signal Propagation and the Location of the Wireless AP**

陈丽琴, 高凌宇, 杨晶晶, 黄铭.....26

一种改进的基于 UKF 的单站无源定位方法

**An Improved Algorithm Based on UKF for Single Station Passive Location**

邓佳欣.....36