

## TABLE OF CONTENTS 目 录

### Adaptive Key Frames Extraction and Fast Image Mosaic of Low Altitude Aerial Video (低空视频影像自适应关键帧提取与快速拼接)

H. L. LI, F. K. LI ..... 179

### Integer Ambiguity Resolution Algorithm Based on Different Baseline Method (基于长短基线法的整周模糊度解算算法)

S. G. ZHANG, N. P. CHENG, S. Y. NI ..... 191

### 3D Convolutional Neural Network for Regional Precipitation Nowcasting (基于 3D 卷积神经网络的区域降雨量预报)

K. WU, W. LIANG, S. Q. WANG ..... 200

### Principal Component Analysis-Based Heart Sound Features Reduction Research (基于主成分分析的心音特征降维处理研究)

J. J. ZHANG, B. Q. ZHANG, D. B. WANG, F. Y. HU ..... 213

### A Brief Analysis of Detection and Recognition Technology for Communication Signals (通信信号检测识别方法简析)

J. YANG, N. P. CHENG ..... 220

### Research of Coin Classification Algorithm Based on Image Processing (基于图像处理的硬币分类算法研究)

M. L. WANG, R. Z. HE, C. X. MA, H. A. WANG ..... 227

### Design of Traffic Video Analysis and Tracking System (交通视频分析与跟踪系统设计)

J. ZHAO, B. LIU, G. F. WANG, Y. G. WEI, J. SUN ..... 236

### Airborne PD Radar's Sea Clutter Emulation Based on K Distribution (机载脉冲多普勒雷达基于 K 分布的海杂波仿真)

X. B. DAI, D. XIA, J. D. SONG ..... 249