

TABLE OF CONTENTS

目 录

Multi-Scale Underwater Image Enhancement Based on Illumination Component (基于光照分量的多尺度水下图像增强)	
M. M. ZHANG, J. AO.....	103
A Research on Deep Learning Model for Face Emotion Recognition Based on Swish Activation Function (基于 Swish 激活函数的人脸情绪识别的深度学习模型研究)	
L. J. WANG, Q. LI, H. GUO.....	110
Research on Super-Resolution of Marine Ship Image Based on Target Detection (基于目标检测的海上舰船图像超分辨率研究)	
K. ZHANG, T. W. LI.....	121
Bilateral Filter Algorithm of Vein Image Based on FPGA (基于 FPGA 的静脉图像双边滤波算法)	
Y. Q. LIANG, X. Y. CUI.....	130
Implementation of Image Fog Removal Technology for Intelligent Transportation (面向智能交通的图像去雾技术的实现)	
L. HE, M. X. JIANG.....	136
Recognition and Analysis of Mechanical Vibration Signal Based on Support Vector Machine (基于支持向量机的机械振动信号识别与分析)	
C. H. ZHANG, Y. HU.....	142
Design of an Image Feature Extraction and Archiving Module in ROS Environment (一种 ROS 环境下的图像特征提取归档模块设计)	
Z. X. MENG, J. KUAN, Y. X. ZHANG.....	155
Summary of Application of Image Detection Technology in Static Wind Power Blade Detection (图像检测技术在静态风电叶片检测中的应用综述)	
X. S. WANG, X. G. JIANG, T. J. SUN.....	163
An Endmember Bundle Extraction Algorithm Based on Superpixel Segmentation and Pure Pixel Index (基于超像素分割和纯像素指数的端元束提取算法)	
H. Q. LU, C. H. ZUO.....	169
New Template Matching Method for Subpixel Mapping of Linear Feature Mixed Pixels (一种基于模板匹配的线性特征混合像素的亚像素定位的新方法)	
H. Q. LU, Z. X. LIU, W. ZHU.....	180
Image Segmentation and Features Detection of Submerged Microporous Bubbles (水下微孔气泡群的图像分割及特征检测)	
R. L. QIN, L. G. JIN, Z. J. YUAN, K. X. GAO.....	194