

人脸智能识别系统的研究与分析

摘要

从上世纪 60 年代以来，人脸识别智能的系统应用频繁的出现大众的视野中，人脸识别系统因为给人带来了极大方便，因此越来越受人们的关注。但是绝大数人们对人脸智能识别系统的构成和认识滞留在自己想象的阶段。人们会认为其构成很难去操作，促使绝大部分人不敢自己去尝试开发一套人脸识别系统。基于 C++ 语言实现人脸智能识别系统使人更容易去理解或者上手操作，让人更理性的认识人脸智能识别系统。对人脸智能识别系统发展历程和各类语言实现的优缺点进行了研究、比对和整理，对人脸智能识别系统进行了流程图的设计，使其清晰明了的展现在人的面前，对目前人脸智能识别系统在市场的几个领域做出阐述并发表观点，并根据现在人脸识别系统的市场应用对未来影响以及未来双刃面各发表了观点。力求对人脸智能识别系统做出系统阐述，让人自发的去掌握此技术做出行动。

关键词 人脸智能识别系统 编程语言 发展历程 市场应用 流程图

Abstract

Since the 1960s, the application of intelligent face recognition system has frequently appeared in public view , in the meantime , owing to the tremendous convenience that this system gives to human beings ,this system is more and more attractive. However, the vast majority of people are stuck in their imagination about the composition and understanding of the face intelligent recognition system. People will think that its composition is difficult to operate, prompting most people not to try to develop a face recognition system by themselves. The face intelligent recognition system which is based on C++ language will let it simpler for us to understand and process , moreover, it also can make people more rational to know this kind of system. The development phase of the system and the merits and shortcomings of all kinds of language implementations are researched , compared and arranged. The flow chart of face intelligent recognition system is designed so that it can be clearly displayed in front of people. Several fields of the current face intelligent recognition system in the market are expounded and opinions are expressed , meanwhile , nowadays on the basis of the impacts that the market application of the face recognition system brings and the double-edged faces in the future , the views are expressed. It strives to make a systematic exposition of the face intelligent recognition system so that people can master this technology and take actions spontaneously.

KEYWORDS Intelligent Face Recognition System Programming language
development history Market application Flow chart

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