Abstract

In this paper, we advise a method that takes the presence of students for classroom lecture. Our method takes the presence automatically using face recognition. However, it is complicated to calculate approximately the attendance exactly using each result of face detection independently because the face recognition rate is not sufficiently high. In this paper, we propose a process for estimate the presence precisely using all the results of face recognition obtained by Continuous inspection. Continuous inspection improves the performance for the estimation of the presence we Constructed the lecture presence system based on face recognition, and applied the system to classroom lecture. Face recognition technology has widely concerned concentration due to its huge application value and market potential, such as face recognition and video observation system. Real-time face detection not only is one part of the automatic face recognition system but also is increasing an independent research subject. So, there are lots of approaches to solve face detection. This paper describes the expansion of a student attendance system based on face recognition and authentication technology. MATLAB outline is used for implementation. The existing conventional presence system
requires students to manually sign the sheet every time

References


Index Terms

Computer Science Pattern Recognition
Keywords

Face recognition,