

Research on eye detection techniques in facial images

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Abstract: In the practical application of information technology, determining the location and characteristics of eyes in facial images plays an important role in many systems such as face recognition, behavior analysis, or virtual assistants. This topic focuses on researching techniques for eye detection in facial images to address the main problem of developing an effective method for locating and classifying eye features from image data. Through a combination of theoretical research and experimentation, the topic hopes to provide a robust support system for related applications. The expected results of this topic not only contribute to the body of knowledge on image processing but also expand opportunities for deploying new technologies in the field of artificial intelligence.

Keywords: eye detection, image processing, face recognition