

Research on facial recognition technology

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Abstract: This topic focuses on researching and developing facial recognition methods based on practical applications in various fields such as security and personal privacy. The main objective of the research is to build a fast and accurate recognition system. The approach includes synthesizing theoretical knowledge of image processing combined with machine learning algorithms to train the recognition model. The expected results of the topic will confirm the system's effectiveness in practical applications, contributing to the advancement of modern facial recognition technology.

Keywords: Face recognition, Image processing, Machine learning