

# Elimination of Angular Problem in Face Recognition

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*Abstract* -- Face Recognition is considered to be the most suitable technique for the real-time application. This technique is commonly used for the security purposes of authentication in computerized fields. Previously various algorithms and techniques were used for the purpose of security and authentication, but they were having several pitfalls like time consumption, pose and illumination problem along with age differences. Keeping these things in mind along with the available literature review a hybrid technique for face recognition is proposed in this work. In the proposed method, face recognition is done by combining two most commonly used techniques and making it hybrid in nature which would combine their advantages and reduce the false matching rate along with fast key generation time.

*Keywords* -- Facial image representation, LBP, PCA, Recognition rate, False match rate, Key Generation, Encryption, Decryption

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