Abstract

Face is having unique identity amongst all other biometric traits. Face recognition is performed using 2D and 3D facial data. 3D face recognition has many advantages over 2D Face recognition. This paper represents the 3D Face recognition challenges while processing the data captured using 3D face scanners. The performance of state-of-art, Face recognition system is affected due to pose, illumination variations and highly concerned issue of occlusion. The occlusion and its effects on 3D face recognition, along with occlusion invariant techniques are being surveyed. Moreover, various publically available 3D face databases like UMB-Db and Bosphorus that address the various occlusion issues are also reviewed.
References

Occlusion Invariant 3d Face Recognition with UMB – Db and Bosporus Databases


Index Terms

Computer Science       Pattern Recognition

Keywords

3d Face Recognition   Occlusion   3d Face Database   Expression   Umb-db   Bosporus.