Abstract

Face Recognition is used for real time application. So reliability is the more important matter for security. Facial Recognition is rapidly becoming area of interest. Face biometrics is useful for authentication that recognizes face. This paper represents review of face recognition methods and discusses their advantages and disadvantages. The purpose of this paper is to provide a survey of face recognition methods that appeared in the literature over the past decade which was not discussed in the previous survey and also categorize them into meaningful approaches.

References


4. Chapter 15 CLUSTERING METHODS Lior Rokach Department of Industrial Engineering, Tel-Aviv University liorr@eng.tau.ac.il Oded Maimon Department of Industrial Engineering, Tel-Aviv University maimon@eng.tau.ac.il.


6. “Very Low Resolution Face Recognition Problem” Wilman W. W. Zou, Student Member, IEEE, and Pong C. Yuen, Senior Member, IEEE, IEEE TRANSACTIONS ON IMAGE PROCESSING, VOL. 21, NO. 1, JANUARY 2012

7. “Color Local Texture Features for Color Face Recognition” Jae Young Choi, Yong Man Ro, Senior Member, IEEE, and Konstantinos N. Plataniotis, Senior Member, IEEE, IEEE TRANSACTIONS ON IMAGE PROCESSING, VOL. 21, NO. 3, MARCH 2012

8. “Multibiometric Cryptosystems Based on Feature-Level Fusion” Abhishek Nagar, Student Member, IEEE, Karthik Nandakumar, Member, IEEE, and AnilK. Jain, Fellow, IEEE, IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY, VOL. 7, NO. 1, FEBRUARY 2012.


14. “Towards a Practical Face Recognition System: Robust Alignment and Illumination by Sparse Representation” Andrew Wagner, Student Member, IEEE, John Wright, Member, IEEE, Arvind Ganesh, Student Member, IEEE, Zihan Zhou, Student Member, IEEE, Hossein Mobahi, and Yi Ma, Senior Member, IEEE


21. AN EFFICIENT METHOD FOR FACE RECOGNITION USING PRINCIPAL COMPONENT ANALYSIS (PCA) Gunjan Dashore, Dr. V. Cyril Ra, International Journal of Advanced Technology & Engineering Research (IJATER), ISSN NO: 2250-3536 VOLUME 2, ISSUE 2, MARCH 2012.


27. “A complete and fully automated face verification system on mobile devices”, Jianfeng Ren a,n Xudong Jiang b, Junsong Yuan b, Pattern Recognition, www.elsevier.com/locate/pr

28. Face Recognition Performance: Role of Demographic Information, Brendan F. Klare, Member, IEEE, Mark J. Burge, Senior Member, IEEE, Joshua C. Klontz, Richard W. Vorder Bruegge, Member, IEEE, and Anil K. Jain, Fellow, IEEE


30. Face Recognition using Neural Networks, P.Latha, Dr.L.Ganesan & Dr.S.Annadurai, Signal Processing: An International Journal (SPIJ) Volume (3) : Issue (5)


33. A tutorial on Principal Components Analysis by Lindsay I Smith February 26, 2002


38. An Efficient LDA Algorithm for Face Recognition Jie Yang, Hua Yu, William Kunz School of Computer Science Interactive Systems Laboratories Carnegie Mellon University Pittsburgh, PA 15213

39. On the Euclidean Distance of Images Liwei Wang, Yan Zhang, Jufu Feng Center for Information Sciences School of Electronics Engineering and Computer Sciences, Peking University Beijing, 100871, China {wanglw, zhangyan, fj}@cis.pku.edu.cn


Index Terms

Computer Science  Image Processing
Keywords

Face Recognition, Knowledge-based, Feature-invariant, Template matching, Appearance-based, PCA, LDA