Robust Face Label Graph Matching for Movie Character Identification

Volume 125

Number 12

Year of Publication: 2015

Authors:

Umesh Sawadekar, Umesh Lilhore, Sitendra Tamalkar

10.5120/ijca2015906153

Abstract

Being a successful application in the field of image analysis, face recognition is seeking most of the attention during the past few years. It is a difficult problem because of the huge variation in the appearance of each character and the weakness and ambiguity of available annotation. Robust Face Name Graph Matching for Movie Character Identification is used to detect the faces of the movie characters and the system designed is taking the least time to detect the face. Through the proposed system, we will be able to do it in a one minute process.

References


3. CsabaCzirjek m. eng. in electronic engineering at dublin city university main character detection in news and movie content Copyright by CsabaCzirjek, 2005.

4. VinayBettadapura College of Computing, Georgia Instituteof Technology vinay@gatech.edu Face ExpressionRecognition and Analysis: The State of the Art

5. OgnjenArandjelovi´c Engineering Department oa214@cam.ac.uk and Andrew Zisserman University ofOxford, UK, az@robots.ox.ac.uk-“Automatic FaceRecognition for Film Character Retrieval in Feature-LengthFilms”.

6. Yi-Fan Zhang, Student Member, IEEE, ChangshengXu,Senior Member, IEEE, Hanqing Lu, Senior Member, IEEE,and Yeh-Min Huang, Member, IEEE-“ CharacterIdentification in Feature-Length Films Using Global Face-Name Matching”- IEEE TRANSACTIONS ONMULTIMEDIA, VOL. 11, NO. 7, NOVEMBER 2009.

Index Terms

Computer Science Pattern Recognition

Keywords

Automatic Face Detection, Face Recognition, Principal Component Analysis.