

What is Facial Analysis?

Computers are capable of processing vast amounts of visual data in to empirical outputs. The term 'facial analysis' describes the analysis of an image of the face by a computer according to a specific criteria.

Facial analysis may involve comparing a face with pre-recorded faces to determine an identity or may involve analysing aspects of the face to predict expression, mood and behaviour.



capture



analysis



action

The biometrics industry produce devices which automate the process of identifying someone by scanning their physiological or even their behavioural characteristics.

Biometric technologies include retinal and finger print scanning to determine access to computers and bank accounts. Facial analysis is a biometric technology.

Physiognomy is the study of facial features, body shape, gestures and expressions to explain emotional and physical behaviour.

Facial analysis is promoted as a non-invasive technology for human identification. But there are applications that can be used to determine emotion and intent.