Emotional Recognition and towards Context based Decision

Abstract

Non-verbal communication may be used to enhance verbal communication or even provide developers with an alternative for communicating information.

Emotion or Gesture recognition is been highlighted in the area of Artificial Intelligence and advanced machine learning. Emotion or gesture is an important feature for an intelligent Human Computer Interaction. This paper basically is a literature survey paper which reveals with the research work already dealt with in this area. Facial expression has been concluded as the most important part involved in it. Even Facial features are also distinguished out of which eyes and mouth is probably more prominent. Neural networks are the widely used. Approaches
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towards Rough Fuzzy definition can be probably resolve the complexity. Context based recognition can be added so as to resolve the ambiguity involved in different scenarios.

Reference


Index Terms

Computer Science

Artificial Intelligence

Key words

Facial expression emotion recognition rough sets fuzzy sets neural networks context