Abstract

The robot starts to play a prominent role in the modern world. They can be used in different areas like house hold activities, markets, military purposes, medical fields and schools. The main aim of this paper is to focus the use of robot in the educational field. Better feedback will be obtained through efficient human robot interactions. Human robot interaction defines the ability of the robot to interact efficiently with humans. The robot should monitor the student and analyze the emotions dynamically. The main aim is to maintain a healthy learning rate after recognizing the positive emotions. Real time face tracking and feature extraction is applied to recognize the emotional state of the student.

References

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Index Terms

Computer Science

Applied Sciences
Keywords

Face tracking  Action units  Bezier volume  Real time recognition.