A Review: Analysis of Facial Micro-Expressions

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Abstract
Micro-expressions, as the name suggests, are short termed facial expressions lasting only for a fraction of seconds. They usually occur when a person either knowingly or unknowingly tries to conceal his feelings or emotions. Detection of these expressions has proven to be useful in detecting a person’s mood and his real intentions. Some recent studies indicate that some leaked facial micro-expressions occurring for a very short duration of about 1/25 to 1/3 seconds cannot be faked. In order to detect such expressions, a high-speed camera with a frame rate of 100fps or higher is required. In this paper, various techniques used for micro-expression recognition have been analysed. Pros and cons of these techniques have also been discussed along with their future scope.

References

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Index Terms

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