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(57) Abstract :

The present invention discloses a system for detection of facial emotions using deep learning and method thereof. The system includes, but not limited to, an artificial intelligence interface for applying a plurality of image filters to each of a plurality of image windows defined at a plurality of locations in a face in an image to produce a set of descriptors representing contents of each of the plurality of image windows. Further, the processing unit is configured for processing outputs of the plurality of image filters for the plurality of image windows using a feature selection stage by a deep learning data modelling.

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