













## VIII. CONCLUSION

In this paper, we presented a neuro/fuzzy model for the detection of human emotions using fourteen measurable human factors which are known to impact human emotions in varying degrees. The factors are converted into fuzzy variables and used in a set of rules to detect one of twenty two different emotions.

The developed models can be used in social networking such as Facebook and Twitter, health organizations especially for coma, infant or autism patients, security systems like airports and critical places, and gaming industry. The experiments show that the model is sensitive to the choice of input membership functions as well as the output function. The developed system benefits the advancement of security systems, virtual reality and others. The system is also extended to find emotions showcased by mammals by generalizing characteristic emotions displayed by them.

The main hurdle faced by scientists in developing artificial intelligence is the disability in adaptive learning by machines and also emotion recognition. Hence, implementation in the field of Kinematics can further improve the results which will lead the march towards a day where artificial intelligence triumphs over all other fields in modern day science.

Another area of research is prediction of the future mood swings. Further study on the same, can make us achieve the impossible task of taking a peek into the future.

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