A Novel Approach on
Enhancing Smell Classification in Electronic Nose using Vision

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ABSTRACT

 "Scientists have endowed computers with eyes to see, thanks to digital cameras, and ears to hear via microphones and sophisticated recognition software" Until now, one of the human senses not yet implemented in a robot was the sense of smell. With Invention of Electronic Nose (Enose) this is also achieved.

The problem with the current electronic noses is less accuracy in classification when more than one substance is given for classification at a time. In this paper an approach to overcome this problem by integrating vision along with olfaction for smell classification is discussed.