The recognition of facial expressions based on production system

La reconnaissance de visages dans un système de production

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In this paper, an algorithm to recognize facial expressions using a fuzzy expert system is presented. Computer simulation using 80 expressive facial images shows more than 77.5% accuracy on average. From the experimental results, the prospects of using this method are very encouraging.

Cet article décrit un algorithme de reconnaissance de visages basé sur un système expert à base de logique floue. Les simulations sur ordinateur comptant 80 expressions faciales montrent un taux de reconnaissance de 77.5%. Les résultats expérimentaux indiquent que le système est prometteur.

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