

Performance Evaluation for Face Database

تقييم الأداء لقاعدة بيانات الوجه

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Abstract

The growing interest in the database generated many techniques in this area and the Intelligent Systems Laboratory Where graphical models were used in the theoretical developments of computer vision and reasoning, and their application in various fields. Our proposal provides a database of the

face under the circumstances of the real, without knowing the people who are taking pictures of them. The present study focuses on the which recording images and places them in the database through active inference and effective reasoning. We are interested in active reasoning because it manages sensor algorithms and guidance unit until the visual translation process is completed. Thus, this sophisticated capture technique processes each frame whenever a face or eye is selected. We are developing a face detection and eye identification process by building a facial recognition algorithm using databases collected from previous experiments. This procedure was applied to a database of a previous set of 40,000 images for 40 people, which illustrates how difficult it is to identify faces. This paper includes a detailed research methodology. In Section 3, face evaluation is discussed, depending on key characteristics within a specific protocol, followed by a definition of the most accurate performance criteria for face verification, and identification through statistical measures. The evaluation protocols in our paper provide researchers the means to recognize faces using modern methods. The results obtained were mentioned in the figure and indicated the strength of the technique used.

