ABSTRACTION

Technology of face Recognition more and more exploited, for example for the system of recognition biometric. In course of face recognition will be happened inefficient if pixel in direct face image used into recognition process and identify the face, so that needed a computing model to alter the pixel in face image become a[n face characteristic, so that can be used in scale and orient the face which different each other.

This final exam developed a system of face recognition used DCT (Discrete Cosine Transform) for the extraction of distinguish, whereas training recognition use the JST (Artificial Neural Network).

From done examination, yielded Recognition Rate equal to 85,83% for the training of massaged and 95,83% for the training of in control. Sum up the best hidden layer used by JST is 30 hidden

Keyword : Biometric, Discrete Cosine Transform, Face Recognition, Artificial Neural Network , Recognition Rate