ABSTRACT

One of the body movements that humans do everyday is walk. Every human being has their own unique gait. It makes the gait can be used as one of the characteristics to recognize someone. This study creates a recognition system from human gait based on video using Convolutional Neural Network (CNN) method. The video used as model input was taken from the Casia dataset B which consists of 124 different people. Several CNN models were built using different CNN architectures. The best CNN model built in this study produced training accuracy of 100% and testing accuracy of 93.28%.

Kata kunci: Gait recognition, convolutional neural network.