

ABSTRACT

In its daily activities, human activities carried out with leg movements every second are done. Real without moving the feet most human activities cannot be done well. Gait (gait) regulates movements with high coordination that is controlled by the central nervous system and regulates a very complex system. Color markers are reflective markers that reflect light from a light source. This research was introduced to humans using the color marking method.

This research takes pictures in the form of video using a camera. Results from the camera will be processed using the Matlab software. Image processing consists of video input, set thresholds, determine the color markers of points to be taken, fix color dot markers, save data and find the brand of gait reconstruction in accordance with 2-dimensional shapes.

Results from the introduction of gait using the method of color marking can be used as a way to understand human body and body weight, as an aid to medical visual data and to aid in gait rehabilitation. Also, the development of gait development research.

Keywords: *Gait-Reconstruction Reconstruction, Color marker.*