

ABSTRACT

Character is a person's personality trait that is formed from various policies that are believed and used as a basis for thinking, behaving and acting. By knowing your character and potential, you can find out your strengths and weaknesses. One way to find out your potential is by hand, because someone's handwriting is different and has its own uniqueness. Graphology is the science that identifies a person's personality based on handwriting. In this final project a classification system is designed to determine the tendency of Self and Confident and Inferiority behavior based on digital image processing.

Classification system is designed to determine the tendency of Self and Confident and Inferiority behavior based on digital image processing with the algorithm used for feature extraction is Optical Character Recognition (OCR) and classification using mean, modus and standart deviation methods. The study only identified handwriting based on writing size, which only takes the letter "i" in each subject.

Based on the overall simulation, hoping that the system could identify trends in Self and Confident and Inferiority behavior based on handwriting size using the Standart Deviation method with the result there are 6 different data from 22 data that have been tested with an accuracy of 72,70%.

Keywords : Grafologi, Optical Character Recognition (OCR), Image Processing.