

ABSTRACT

In this century, the use of technology has grown rapidly, there is nothing impossible to made something. For example is the fingerprint image processing to search for one of the fingerprints through a system that has been created by a particular algorithm. The results of fingerprints can determine the nature and personality of children. Detecting fingerprints can use the minutiae method. By choosing the nature or personality of the child, parents and teachers can control or overcome the child's behavior. In this study, to determine the child's personality, the fingerprint pattern must first be extracted for information from the fingerprint can be matched with expert systems that have been built. Expert system information from related experts. Here the expert in use is psychology. The fingerprint pattern is processed by image processing by minutiae method for its matching method.

Keywords: Image Processing, Expert System, *Minutiae*,