

ABSTRACT

Dactiloscopi is science learning about fingerprint for human reidentify by tracking line found on hand knuckle or foot knuckle. Hithertopi, fingerprint formula computation system which is used by most of district police department is still conventional, which are using dactiloscopi's ink, glass plate, roller, fingerprint card clamp and fingerprint card.

Classification formula is fingerprint formula determining by add sign to each fingerprint card columns showing fundamental form and lines number sum. That's all above, use aid of magnifier and checked one by one by worker.

This final assignment bring about a software which identify fundamental type of fingerprint (whorl, loop, arch), finding core and delta location, and also counting papilar line between delta to core. This software have 12% of mistakes percentage that cause of threshold level that can effect missing the detection of core and delta.

Keyword : Fingerprint, Classification formula, Ridge counting