

Abstract

Plagiarism is an action that copying or confessing someone's document as his or her document without permission. By doing perfect duplication and modification, then it can camouflage plagiarism because the produced document almost like different document from the source so it can be hard to know the originality of the document. Because of that, it is needed a system that can detect plagiarism.

Winnowing algorithm is one of the algorithm in document fingerprinting method. This method is accurate when identifying text duplication include small part that similar from group of document by produced fingerprint. by adjusting the fingerprint will be obtained similarity value among document.

Based on testing result, the parameter k-gram, basis hash and window size influence to the similarity value that produced among document. In this thesis, plagiarism detection system can detect plagiarism with kind of plagiarism active passive, word increasing, carbon copy, and sentence scheme changing.

Keywords : plagiarism, Winnowing algorithm, fingerprint