

ABSTRACT

INDONESIAN AUTOMATIC TEXT SUMMARIZATION WITH LSA METHOD

The process of getting information from text documents correctly can be done by reading the entire text. Reading the entire contents of the text certainly takes a longer time compared to reading a summary of the text. With a summary, readers can quickly and easily understand the contents of a text without reading the entire contents. Automatic Text Summarization is a process which a computer makes a shorter version of the original text (or a collection of several texts) that still contains most of the information in the original text. This summary result contains important points from the original text. This study uses Latent Semantic Analysis (LSA) for the process of summarizing text documents. The LSA method can represent the meaning of words and meanings of sentences together. The average value of precision is 64.2%, recall is 70.0% and accuracy is 81.2%.

Keywords: Information, Automatic Text Summarization, Latent Semantic Analysis (LSA)