

ABSTRACT

Confidentiality of data has become a lot of research materials developed in the process of information delivery. Therefore, requires a data security system the right to maintain the confidentiality of the data that is sent. One of the security method used is the encryption method. Encryption process is a process to change the information that can be read easily be hidden information that is difficult to read.

In the digital video data is compressed not generally have a relatively large size and process more complex computation than a digital image. Therefore, the appropriate methods needed to speed the encryption process but also still kerahasiaanya guaranteed and a good level of resilience against attacks from outside parties.

In this final task will be discussed about the encryption on some of the video frames with audio video interleaved format. Method used in this encryption method is a combination of the Chaotic-Map and the method SDES (Simplified Data Encryption Standard). The chaotic-map method used was baker-map method.

Of the aggregation process of this method is expected to get an encryption system on the part of the video frames in the processing fast and strong results against attacks from outside parties. So the data in the form of video will be much more strict confidence in the process of delivery.

Keyword: Cryptografi, Baker Map, SDES, Audio Video Interleaved