Abstract

Chaotic Encryption Method seems to be much better than traditional encryption methods used today. Chaotic encryption is the new direction of cryptography. It makes use of chaotic system properties such as sensitive to initial condition and loss of information. Many chaos-based encryption methods have been presented and discussed in the last two decades. In order to reach higher performance, these methods take advantage of the more and more complex behavior of chaotic signals. This paper contributes by comparing and analyzing the performance of the past chaotic image encryption schemes.
Reference

- S. E. Borujeni, M. Eshghi, “Chaotic Image Encryption Design Using Tompkins-Paige

**Index Terms**

Computer Science \hspace{2cm} Security

**Key words**

- logistic map
- Chaotic algorithm
- perturbation
- Baker map
- cipher