Abstract

Compression is the science and art of representing the information in a compact form rather than its original or uncompressed form in data storage or transmission. Data compression is storing data in a format that requires less space than usual. Nowadays, data compression is a common requirement in telecommunication industry. Since last few decades, the research is continuing in the field of compression and various data compression techniques are already developed to compress different data formats. But, a data compression program using strange number system (specially using pentaoctagesimal SNS) tries to compact the data in some special format, such that the data occupies less disk space or that it can be transmitted in less time. A decompression program restores the information again. This paper mainly describes a simple compression and decompression process which is free from time complexity.
Design an Algorithm for Data Compression using Pentaoctagesimal SNS

- Dr. V. K. Govindan, B. S. Shajee mohan: An Intelligent Text Data Encryption and Compression for High Speed and Secure Data Transmission Over Internet. NIT Calicut, Kerala.

Index Terms

Computer Science

Algorithms

Keywords

Strange Number System  Pentaoctagesimal SNS  Data Compression
Design an Algorithm for Data Compression using Pentaoctagesimal SNS