Abstract

In the world of technology is already integrated into the network must have a data transmission process. Sending and receiving data communications systems do not avoid mistakes. Packets of data sent from the server to the client computer always have an error in transmission. These shipments have leaks that occur due to changes in voltage, frequency or impact. One of the methods used to detect and correct errors in data transmission is the Hamming method. This method will check bit errors in delivery. Hamming is to do the process at fault detection, and then the error will be corrected so that the arrangement of the bits will go back to the bit sequence before the data is sent. With the application of this method, the data transmission process will avoid mistakes. Data will be saved to the destination.

References

Single-Bit Parity Detection and Correction using Hamming Code 7-Bit Model

333-341, 2014.


Index Terms

Computer Science
Networks

Keywords

Hamming Code, Error Detection