Abstract

Restorability of a network refers to a network’s capability to provide continuous service in the presence of failures and how a network restores to the actual position after overcoming a failure. In a WDM network, a single channel may be carrying no of gigabits of data per second, a single failure may cause a disturbance in huge amount of service for a large number of users. A network that is built on fiber-optics technology sends data digitally, through connected fiber. Optical networks increase the Transmission capacity and speed of the network. This paper reviews most of the recent research work on Routing Algorithms in optical Networks. Various Routing Algorithms are discussed in the Literature.

References

Routing Dependable Connections in WDM Optical Networks", IEEE/ACM TRANSACTIONS ON NETWORKING, VOL. 9, NO. 5, OCTOBER 2001

Index Terms

Computer Science
Algorithms

Keywords
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