Abstract

Normal optical networks can be identified the security issues like routing and wavelength assignment and physical layer attacks problems. Network Operators can be facing the risks at the frequency and wavelength allocation process. Physical layers attacks like high powered jamming of attacks can be occur inside the network. High power jamming of attacks can be provides the performance, scalability and efficiency is low. How increases performance using reactive and detection mechanisms in optical networks. Implement some of the prevention
attacks of information and reduces the potential damage. Optical networks can be working based on the light path connection facilities of information can be reduces congestion problems. We are going to implement the algorithms like attack aware routing algorithm, graph coloring algorithm, tabu search algorithm and integer linear programming. Using the tabu search algorithm to allocate the load in average format of representation process. Intelligent optical networks can be justified improving the network security process.

Reference


Index Terms

Computer Science

Networks Security

Key words

Optical fibers

optical networks

tabu search algorithm

Integer Linear Programming problem