Development of Mathematical Models to Estimate Optimum Capacity Assignment Network Connections

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Abstract

In this paper, the optimal characteristics of network structures are considered. The mathematical model to estimate the optimum bandwidth of communication networks for the arbitrary law of the length distribution of a transmitted message founded.

References


**Index Terms**

Computer Science  
Applied Mathematics

**Keywords**

Queuing theory, probability theory, stochastic processes, theory of mathematical modeling, network design theory, theory of mathematical programming.