Abstract

There exist many algorithms for producing the spanning trees of a graph with better time and space complexities. In this research study, we are presenting a study on number of spanning trees and a technique based on the basic cycle to find the number of spanning trees and also the structure of all the spanning trees of a labeled and undirected graph.
A Study on ‘Number of Spanning Trees’

Technical Report: METR 93-08, Department of Mathematical Engineering and Information Physics, University of Tokyo, Tokyo, 1993.


**Index Terms**

Computer Science

Algorithms

**Keywords**

Basic cycle  Internal edges  External edges