

### **graph theoretic concepts in pdf**

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### **GRAPH THEORY - TUT**

In the mathematical area of graph theory, a clique (/ ˈ k l i ɪ • k / or / ˈ k l i ɛ ɪ k /) is a subset of vertices of an undirected graph such that every two distinct vertices in the clique are adjacent; that is, its induced subgraph is complete. Cliques are one of the basic concepts of graph theory and are used in many other mathematical problems and constructions on graphs.

### **Clique (graph theory) - Wikipedia**

In graph theory and computer science, an adjacency matrix is a square matrix used to represent a finite graph. The elements of the matrix indicate whether pairs of vertices are adjacent or not in the graph. In the special case of a finite simple graph, the adjacency matrix is a (0,1)-matrix with zeros on its diagonal. If the graph is undirected, the adjacency matrix is symmetric.

### **Adjacency matrix - Wikipedia**

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### **Multiagent Systems: Algorithmic, Game-Theoretic, and**

The intension of this note is to introduce the subject of graph theory to computer science students in a thorough way. This note will cover all elementary concepts such as coloring, covering, hamiltonicity, planarity, connectivity and so on, it will also introduce the students to some advanced concepts.

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Comput Math Organiz Theor (2006) 12: 21â€“34 DOI 10.1007/s10588-006-7084-x Identifying sets of key players in a social network Stephen P. Borgatti

### **Identifying sets of key players in a social network**

Avoiding False Discoveries: A completely new addition in the second edition is a chapter on how to avoid false discoveries and produce valid results, which is novel among other contemporary textbooks on data mining. It supplements the discussions in the other chapters with a discussion of the statistical concepts (statistical significance, p-values, false discovery rate, permutation testing ...

### **Introduction to Data Mining - www-users.cs.umn.edu**

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