

MULTIMEDIA MULTICAST ON THE INTERNET

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Description

Multimedia Multicast on the Internet examines multicast technology and is a key text for undergraduate engineering students and master students in networks and telecoms. However, it is equally useful for a wide range of professionals in this research field.

Multicast routing was introduced with the advent of the multipartite applications, for example, videoconferencing on the Internet, and collaborative work such as distributed simulations. It is related to the concept of group communication, a technique introduced for reducing the communication cost.

The various problems of multicast routing on the Internet are examined in detail. They include: group membership management, quality of service, reliability, safety, scalability and transport. Throughout the text, several protocols are introduced in order to analyze, compare and cover the various aspects of multicast routing.

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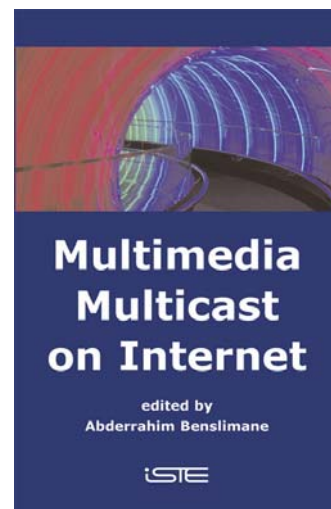
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