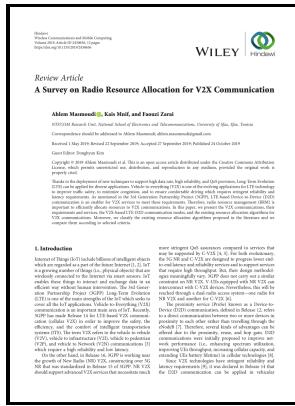# Dynamic resource allocation for multimedia services in mobile communications environments

- - Efficient Resource Allocation in Next Generation Cellular Networks to Support Multimedia Traffic

Description: -

-Dynamic resource allocation for multimedia services in mobile communications environments

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Notes: Thesis (M.Sc.) - University of Surrey, 1996.

This edition was published in 1996

Filesize: 21.75 MB

Tags: #Market

Fractional Frequency Reuse for Hierarchical Resource Allocation in Mobile WiMAX Networks

Regis: A Constructive Development Environment for Distributed Programs.

Dynamic Resource Management and Automatic Configuration of Distributed Component Systems1

Second, a self-learning process SLP based on a GA is applied, which continuously evolves a set of solutions, so that multiple design objectives can be met.

Market

Even though they can optimize the multimedia resource allocation in viewpoint of the base station, users' utilities from the received resources often vary according to the users' channel states.

Efficient Resource Allocation in Next Generation Cellular Networks to Support Multimedia Traffic

Since Mobile WiMAX supports a variety of services with diverse quality requirements, including the real-time service with fixed bit rate UGS , real-time service with variable bit rates and a bounded delay rtPS , the non-real-time service with variable bit rates but insensitive delay nrtPS , and the best effort service BE.

Efficient Resource Allocation in Next Generation Cellular Networks to Support Multimedia Traffic

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CiteSeerX — Search Results — ETXOP: A resource allocation protocol for QoS

But, in many cases, the distinction between inter-component dependence and inter-component communication is beneficial. In the low mobility case, as demonstrated in , the DTAS curve is higher than the application deadline only momentarily a few times, whereas Greedy and MTMS consistently exceed the deadline. Han G, Que W, Jia G, Shu L 2016 An efficient virtual machine consolidation scheme for multimedia cloud computing.

Dynamic Resource Management for Mobile Services

To avoid the throughput degradation of multimedia flows traveling through wireless link, the proposed rat.

Optimal multi

However, GAs are time consuming and, hence, cannot be directly applied to networks with dynamically changing conditions or topologies.

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