Abstract

Performance modeling of a network is challenging especially when it involves multimedia traffic. The present day home network makes uses of internet for multimedia content transfer on to the devices in real time. In such a communication system, reliability and in time data transfer is critical. The system has to support the streaming of multimedia and entertainment data from mobile to infrastructure and vice versa. In this paper, a novel modeling method for the network and its traffic shaping is introduced and simulation model is provided. The performance with this model is analyzed.

Reference

on networking, Vol 5, pp71-86.

Index Terms
Electronics
Communication Systems

Key words
Adaptive control
Differential feedback
Multiresolution
Traffic shaping