Use of the Semi-Markov Apparatus to Analyse MPLS Networks

D. N. Tsurcanu, A. S. Alexei, P. V. Nistiriuk, E. A. Beregoi, O. S. Birzoi

Abstract

Development of the method of analysis of MPLS (multiprotocol label switching) networks on the basis of the semi-Markov apparatus in respect to guaranteed QoS (quality of service) real time traffic servicing quality is presented.

Keywords: multi-protocol label switching, Protocols, intserv networks, diffserv networks, networks, Markov processes, , telecommunication traffic