ABSTRACT

Diploma work on a theme " Providing synchronization in the packet network using synchronous Ethernet technology " consisting of the introduction, three chapters, conclusions, that list of 13 items. General volume of work of 54 pages including 52 pages of basic text and 2 pages of sources used. Work contains 18 figures, 6 tables.

In this research considers the basic principles of synchronization of packet networks with synchronous Ethernet technology, as well as compares the technology of synchronous Ethernet with competing technology in technical and economic terms.