**Broadband Access and Service**

The aim of the article is to show the reader the coding schemes of choice that rapidly broadcast a string of 1s and 0s through the network.

The research method used in this article is description.

According to this text, SONET is a regenerative standard for transport infrastructure that carry many signals through a synchronous optical hierarchy. ATM is an efficient multiplexing technology that implies fixed-length packets. This asynchronous transfer mode is able to convey streams to numerous destinations. The last one, Asymmetric digital subscriber line presents a modem with puzzling coding scheme capable of speed propagation that can compete with television signals.

The article describes a period of digital transmission technology’s usage on the brink of beginning of the twenty first century worldwide.

The author’s conclusion is that ADSL became more in demand because of its high speed. Also, low upstream rate is insignificant for Internet access or television business. That is the medium reason why LECs are using it nowadays.