

TRANSFER DATA SHAPING APPARATUS**ABSTRACT**

A transfer data shaping apparatus capable of correctly reproducing transfer data is provided as followings.

A transfer data shaping apparatus is comprised of: a comparing means 1 for comparing transfer data "a" with a reference level R to output data "b" binary-quantized, depending upon a fact as to whether or not said transfer data "a" is higher than said reference level R; a sampling means 2 for sampling the data "b" by a predetermined sampling clock "c" to thereby output data "d"; an averaging means 3 for sequentially averaging a predetermined number of the digital data "d" every one sampling clock to thereby output data "e"; and another comparing means 4 for comparing the data "e" with a reference value A and a reference value B to output one logic value since the data "e" becomes larger than said reference value A until the data "e" becomes smaller than said reference value B, and also to output the other logic value since the data "e" becomes smaller than said reference value B until the data "e" becomes larger than said reference value A.

Figure 1