ABSTRACT

A reordering device 1_1 rearranges the segments of each block of time series data comprised of a plurality of blocks in block units. A selecting device 2_1 selects from among a plurality of time series data S1_1 to 1_4 rearranged by the reordering device 1 by switching in accordance with the speed and transmits the corresponding segments of the selected time series data sequentially to the reordering device 3_1 etc. as the streams S2_1 etc. The repeat reordering device 3_1 rearranges the segments contained in the stream S2_1 in units of blocks so as to restore the original order and transmits this rearranged time series data.