



COMMUNICATION METHOD, TRANSMITTER AND RECEIVER

ABSTRACT OF THE DISCLOSURE

The present invention relates to a communication method, and the invention enables it to avoid in advance mistaken restoration of a signal series which is sent in the other communication even when the same channel is used in the other communication. A orthogonal matrix which is different for each communication is multiplied to the signal series and sent, and the signal series before orthogonal conversion is restored by multiplying the inverse matrix of the orthogonal conversion which is used on the sending side of the communication partner to the received signal series so that the other communication is performed by using the same channel. Even when the other communication is received, the signal series which is sent in the other communication is not restored even by multiplying the inverse matrix because the orthogonal matrix which is used in the orthogonal conversion is different from the other communication.

Figure 2

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