

BASE STATION APPARATUS AND TRANSMISSION METHOD
ABSTRACT

A transmission method in time-division relay, using a common transmission format to transmit a control signal for each relay station apparatus; and a base station apparatus of the same. A base station apparatus maps the control signal for relay station apparatuses in the $(D+1)$ th OFDM symbol inside a subframe, wherein D is the maximum number of OFDM symbols in which control signals for mobile station apparatuses are mapped, said control signals being transmitted from the base station apparatus to mobile station apparatuses under the control of the base station apparatus.

Fig. 8