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Abstract:

(EN) COMMUNICATION METHOD USING OUTDATED CHANNEL STATE INFORMATION IN TWO-CELL, K-USER CELLULAR NETWORK (EN)

Disclosed is a communication method of a terminal utilizing outdated channel information in a two-cell, three-user network environment, the method comprising: transmitting nine different first linear combinations to a first base station in each time slot during a first time interval; receiving a first feedback signal from a second base station which has received the first linear combination as an interference signal; transmitting four different second linear combinations to the first base station during a first sub-time interval of a third time interval; receiving a second feedback signal from the second base station which has received the second linear combinations as an interference signal; and transmitting reconfiguration signals consisting of eight data symbols to the first base station during a third sub-time interval of the third time interval. Further, a communication method of a base station corresponding to such a terminal is also disclosed.

