ABSTRACT OF THE DISCLOSURE

The present invention improves receiving quality compared to the prior art even if instantaneous control of transmission power is not executed. A mobile station MS#0 measures signal level received from surrounding base stations and determines to which base stations it is to be connected in order to satisfy a desired downlink receiving quality (step S1). The mobile station MS#0 notifies a radio network control station RNC of the desired based stations to which the mobile station is to be connected (step S2). Upon receiving the notification from the mobile station MS#0, the radio network control station RNC duplicates a downlink transmitted signal for the mobile station MS#0, if any, and transmits it to the selected base stations (step S3). The mobile station MS#0 receives signals transmitted by the base stations (step S4) and synthesizes these signals (step 5), thereby satisfying the desired downlink receiving quality.

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