

Abstract

The present invention relates to a code generating method for combining an orthogonal code for CDMA having a specific spreading factor and its polarity inverted spreading code to generate another spreading code having a larger spreading factor than that of the spreading code. And the present invention relates to a code selecting method for combining an orthogonal code for CDMA having a specific spreading factor and its polarity inverted spreading code to generate another spreading code having a larger spreading factor than that of the spreading code, then to assign the generated orthogonal code for a user in order of users having an orthogonal code of small spreading factor.