

ABSTRACT OF DISCLOSURE

A mobile station for wirelessly transmitting to a base station by DS-CDMA a signal which is spread by multiplying a spreading code includes a variable controlling unit which variably controls at least one of a spreading factor of the spreading code and the number of chip repetitions, a scrambling code which is multiplied to the spreading chip sequence, and the phase sequence specific to the mobile station; and an external controlling unit which controls, based on a set of controlling information, at least one of the spreading factor and number of chip repetitions, the scrambling code, and the phase sequence specific to the mobile station.