

ABSTRACT OF THE DISCLOSURE

TRANSMISSION CONTROL APPARATUS AND TRANSMISSION CONTROL METHOD

An object is to implement transmission by an appropriate transmission method according to a type of information even in application of directional beam transmission. A transmission control apparatus 12 for transmitting information by radio communication toward a mobile station located in a predetermined sector is provided with a selector 12B for selecting a transmission method according to a type of information to be transmitted, out of two or more options selected from omnisector transmission of transmitting the information toward the entire sector, fixedly controlled directional beam transmission of transmitting the information in at least one fixed direction preliminarily determined, and adaptively controlled directional beam transmission of adaptively controlling a transmission direction according to a location of a target mobile station; pilot symbol generators 12C, 12E, 12G for generating respective pilot signals according to associated transmission methods; and transmitters 12D, 12F, 12H each transmitting a signal in which a pilot signal is superimposed on the information to be transmitted, by the selected transmission method.

Figure 2



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