

What is claimed is:

[Claim 1]

A terminal comprising:

a receiving section that receives information regarding resource allocation type of an uplink shared channel, the information including:

a first allocation type in which a start symbol of the uplink shared channel is fixed and a number of consecutive symbols of the uplink shared channel is notified by higher layer signaling and downlink control information, or

a second allocation type in which a start symbol of the uplink shared channel is variable to any symbol in a slot where the uplink shared channel is allocated, and the start symbol of the uplink shared channel and a number of consecutive symbols of the uplink shared channel are notified by the higher layer signaling and the downlink control information; and

a control section that controls the start symbol and the number of consecutive symbols of the uplink shared channel corresponding to the first allocation type or the second allocation type based on the information regarding resource allocation type of the uplink shared channel.

[Claim 2]

The terminal according to claim 1, wherein
out of the first allocation type and the second allocation type, if the information is set to the second allocation type, the control section determines the number of consecutive symbols of the uplink shared channel to be 1.

[Claim 3]

The terminal according to claim 2, wherein
if the information is set to the second allocation type, the control section controls transmission of the uplink shared

channel that uses 1 symbol, and a demodulation reference signal.

[Claim 4]

The terminal according to any one of claims 1 to 3, wherein

the control section determines the number of consecutive symbols of the uplink shared channel to be 1 regardless of whether or not transform precoding is applied to the uplink shared channel.

[Claim 5]

A radio communication method for a terminal, comprising: receiving information regarding resource allocation type of an uplink shared channel, the information including:

a first allocation type in which a start symbol of the uplink shared channel is fixed and a number of consecutive symbols of the uplink shared channel is notified by higher layer signaling and downlink control information, or

a second allocation type in which a start symbol of the uplink shared channel is variable to any symbol in a slot where the uplink shared channel is allocated, and the start symbol of the uplink shared channel and a number of consecutive symbols of the uplink shared channel are notified by the higher layer signaling and the downlink control information; and

controlling the start symbol and the number of consecutive symbols of the uplink shared channel corresponding to the first allocation type or the second allocation type based on the information regarding resource allocation type of the uplink shared channel.

[Claim 6]

A base station comprising:

a transmitting section that transmits information regarding resource allocation type of an uplink shared channel, the information, which is for indicating a start symbol and a number of consecutive symbols of the uplink shared channel, including:

a first allocation type in which a start symbol of the uplink shared channel is fixed and a number of consecutive symbols of the uplink shared channel is notified by higher layer signaling and downlink control information, or

a second allocation type in which a start symbol of the uplink shared channel is variable to any symbol in a slot where the uplink shared channel is allocated, and the start symbol of the uplink shared channel and a number of consecutive symbols of the uplink shared channel are notified by the higher layer signaling and the downlink control information; and

a receiving section that receives the uplink shared channel, in which the start symbol and the number of consecutive symbols of the uplink shared channel corresponding to the first allocation type or the second allocation type are controlled based on the information regarding resource allocation type of the uplink shared channel.

[Claim 7]

A system comprising a base station and a terminal, wherein the base station comprises:

a transmitting section that transmits information regarding resource allocation type of an uplink shared channel, the information, which is for indicating a start symbol and a number of consecutive symbols of the uplink shared channel, including:

a first allocation type in which a start symbol of the uplink shared channel is fixed and a number of consecutive symbols of the uplink shared channel is notified by higher layer signaling and downlink control information, or

a second allocation type in which a start symbol of the uplink shared channel is variable to any symbol in a

slot where the uplink shared channel is allocated, and the start symbol of the uplink shared channel and a number of consecutive symbols of the uplink shared channel are notified by the higher layer signaling and the downlink control information; and

a receiving section that receives the uplink shared channel, in which the start symbol and the number of consecutive symbols of the uplink shared channel corresponding to the first allocation type or the second allocation type are controlled based on the information regarding resource allocation type of the uplink shared channel, and the terminal comprises:

a receiving section that receives the information regarding the resource allocation type of the uplink shared channel, the information including:

the first allocation type in which the start symbol of the uplink shared channel is fixed and the number of consecutive symbols of the uplink shared channel is notified by the higher layer signaling and the downlink control information, or

the second allocation type in which the start symbol of the uplink shared channel is variable to any symbol in a slot where the uplink shared channel is allocated, and the start symbol of the uplink shared channel and the number of consecutive symbols of the uplink shared channel are notified by the higher layer signaling and the downlink control information; and

a control section that controls the start symbol and the number of consecutive symbols of the uplink shared channel corresponding to the first allocation type or the second allocation type based on the information regarding resource allocation type of the uplink shared channel.