

WHAT IS CLAIMED IS:

1. A method for indicating spatial relation information, performed by a base station, the method comprising:

sending (31), by the base station, indication information for Physical Uplink Control Channel, PUCCH, spatial relation information to a terminal, wherein the indication information is sent in a medium access control layer control element, MAC CE, comprising three Octets, the spatial relation information indicated by the indication information is applied to at least two PUCCH resources of the terminal,

characterized in that the indication information carries spatial relation information for activation/deactivation of a spatial relation of the PUCCH resources in 8 bits in the third Octet but does not carry any PUCCH resource identifier in the second Octet, and the spatial relation information for activation/deactivation that is included in the 8 bits in the third Octet is used for all PUCCH resources configured for the terminal.

2. A method for indicating spatial relation information, performed by a terminal, the method comprising:

receiving (61), by the terminal, indication information for Physical Uplink Control Channel, PUCCH, spatial relation information from a base station, wherein the indication information is sent in a medium access control layer control element, MAC CE, comprising three Octets, the spatial relation information indicated by the indication information is applied to at least two PUCCH resources of the terminal; and

determining (62), by the terminal, the spatial relation information for the at least two PUCCH resources of the terminal according to the spatial relation information indicated by the indication information,

characterized in that the indication information carries spatial relation information for activation/deactivation of a spatial relation of the PUCCH resources in 8 bits in the third Octet but does not carry any PUCCH resource identifier in the second Octet; and determining the spatial relation information for the at least two PUCCH resources of the terminal according to the spatial relation information indicated by the indication information comprises: determining,

according to the spatial relation information for activation/deactivation that is included in the 8 bits in the third Octet carried in the indication information, spatial relation information for all PUCCH resources configured for the terminal.

3. The method of claim 2, further comprising:

performing PUCCH transmission according to the spatial relation information for the at least two PUCCH resources of the terminal.

4. A base station (700), comprising:

a processor (701); and

a transceiver (702);

wherein the processor is configured to perform, through the transceiver, the method for indicating spatial relation information of claim 1.

5. A terminal (900), comprising:

a processor (901); and

a transceiver (902);

wherein the processor is configured to perform, through the transceiver, the method for indicating spatial relation information of claim 2 or 3.

6. A computer-readable storage medium comprising instructions which when executed by a processor of a base station, causes the base station to perform the method for indicating spatial relation information of claim 1.

7. A computer-readable storage medium comprising instructions which when executed by a processor of a terminal, causes the terminal to perform the method for indicating spatial relation information of claim 2 or 3.