

WHAT IS CLAIMED IS:

1. A data transmission method, comprising:

determining ~~(S210)~~, by a terminal device according to a first rule, a first type of transmission or a second type of transmission as a target type of transmission when the terminal device determines, according to first configuration information, to perform the first type of transmission on a target transmission resource and determines, according to second configuration information, to perform the second type of transmission on the target transmission resource, wherein the first type of transmission is sidelink transmission between the terminal device and another terminal device, and the second type of transmission is uplink transmission or downlink transmission between the terminal device and a network device; and

performing ~~(S220)~~ data transmission with the target type of transmission on the target transmission resource; and

when the first type of transmission or the second type of transmission comprises transmission of a feedback channel, determining parameter information in a parameter information set of the feedback channel according to an attribute of a logical channel corresponding to a data channel corresponding to feedback information in the feedback channel.

2. The method according to claim 1, wherein the target transmission resource is a time domain resource.

3. The method according to claim 1-~~or 2~~, wherein the first rule comprises:

determining the first type of transmission as the target type of transmission when a parameter information set of the first type of transmission meets a first preset threshold; and

determining the second type of transmission as the target type of transmission when the parameter information set of the first type of transmission does not meet the first preset threshold.

4. The method according to claim 3, further comprising:

receiving, by the terminal device, the first preset threshold sent by the network device; or
obtaining, by the terminal device, the first preset threshold according to pre-configured information.

5. The method according to claim 1-~~or 2~~, wherein the first rule comprises:

determining the second type of transmission as the target type of transmission when a parameter information set of the second type of transmission meets a second preset threshold.

6. The method according to claim 5, wherein the first rule further comprises:

determining the first type of transmission as the target type of transmission when the parameter information set of the second type of transmission does not meet the second preset threshold and a parameter information set of the first type of transmission meets a first preset threshold.

7. The method according to claim 5 ~~or 6~~, wherein the second preset threshold is pre-configured.

8. The method according to ~~any one of claims 3 to 7~~claim 3, wherein the parameter information set comprises priority information.

~~9. The method according to any one of claims 1 to 8, further comprising:~~

~~when the first type of transmission or the second type of transmission comprises transmission of a feedback channel, determining parameter information in a parameter information set of the feedback channel according to an attribute of a logical channel corresponding to a data channel corresponding to feedback information in the feedback channel.~~

~~109.~~ The method according to claim 1 ~~or 2~~, wherein the first rule comprises:

determining the second type of transmission as the target type of transmission when a logical channel corresponding to the second type of transmission is a configured logical channel.

~~1110.~~ The method according to ~~any one of claims 1 to 10~~claim 1, further comprising:

receiving, by the terminal device, the first configuration information sent by the network device.

~~1211.~~ The method according to ~~any one of claims 1 to 11~~claim 1, further comprising:

receiving, by the terminal device, the second configuration information sent by the network device.

~~1312.~~ The method according to ~~any one of claims 1 to 12~~claim 1, further comprising:

obtaining, by the terminal device, the first rule according to pre-configured information.

~~1413.~~ A terminal device ~~configured to perform the data transmission method according to any one of claims 1 to 13, comprising:~~

a processor configured to determine, according to a first rule, a first type of transmission or a second type of transmission as a target type of transmission when it is determined, according to first configuration information, to perform the first type of transmission on a target transmission resource and it is determined, according to second configuration information, to perform the second type of transmission on the target transmission resource, wherein the first type of transmission is sidelink transmission between the terminal device and another terminal device, and the second type of

transmission is uplink transmission or downlink transmission between the terminal device and a network device; and

a transceiver configured to perform data transmission with the target type of transmission on the target transmission resource,

wherein when the first type of transmission or the second type of transmission comprises transmission of a feedback channel, the processor is further configured to determine parameter information in a parameter information set of the feedback channel according to an attribute of a logical channel corresponding to a data channel corresponding to feedback information in the feedback channel.

14. The terminal device according to claim 13, wherein the target transmission resource is a time domain resource.

15. The terminal device according to claim 13, wherein the first rule comprises:
determining the first type of transmission as the target type of transmission when a parameter information set of the first type of transmission meets a first preset threshold; and

determining the second type of transmission as the target type of transmission when the parameter information set of the first type of transmission does not meet the first preset threshold.

16. The terminal device according to claim 15, wherein the transceiver is further configured to receive the first preset threshold sent by the network device; or

the processor is further configured to obtain the first preset threshold according to pre-configured information.

17. The terminal device according to claim 13, wherein the first rule comprises:
determining the second type of transmission as the target type of transmission when a parameter information set of the second type of transmission meets a second preset threshold.

18. The terminal device according to claim 17, wherein the first rule further comprises:
determining the first type of transmission as the target type of transmission when the parameter information set of the second type of transmission does not meet the second preset threshold and a parameter information set of the first type of transmission meets a first preset threshold.

19. The terminal device according to claim 17, wherein the second preset threshold is pre-configured.

20. The terminal device according to claim 13, wherein the first rule comprises:

determining the second type of transmission as the target type of transmission when a logical channel corresponding to the second type of transmission is a configured logical channel.

~~15. A computer-readable storage medium for storing a computer program that causes a computer to perform the method according to any one of claims 1 to 13.~~