

What is claimed is:

1. A method for repeatedly transmitting information, applied to a terminal device, wherein the terminal device is configured to:

transmit K uplink transmission channels in continuous time domain resources of at least two continuous slots; wherein each of the K uplink transmission channels is used for transmitting target data; K is an integer greater than or equal to 2; wherein the method comprises:

when remaining time domain resources of a slot of the at least two continuous slots cannot transmit an n-th uplink transmission channel of the K uplink transmission channels, transmitting a part of the n-th uplink transmission channel in the remaining time domain resources of the slot, wherein n is an integer greater than or equal to 1 and less than or equal to K, and a quantity of actual transmitted uplink transmission channels is greater than K,

wherein the transmitting a part of the n-th uplink transmission channel in the remaining time domain resources of the slot comprises:

transmitting the part of the n-th uplink transmission channel in the remaining time domain resources of the slot when the remaining time domain resources of the slot is less than time domain resources used for the n-th uplink transmission channel and the remaining time domain resources meet a second agreed condition,

wherein the second agreed condition is that a quantity of time domain symbols of the remaining time domain resources is greater than a preset threshold.

2. The method of claim 1, wherein

the K uplink transmission channels carry different transmission versions of the target data.

3. The method of claim 1, wherein time domain resources used for the each of the K uplink transmission channels are less than time domain resources contained in one slot.

4. The method of claim 1, wherein the preset threshold is 1.

5. A method for repeatedly transmitting information, applied to a network device, wherein the network device is configured to:

transmit K downlink transmission channels in continuous time domain resources of at least two continuous slots; wherein each of the K downlink transmission channels is used for

transmitting target data; K is an integer greater than or equal to 2; wherein the method comprises:

when remaining time domain resources of a slot of the at least two continuous slots cannot transmit an n -th downlink transmission channel of the K downlink transmission channels, transmitting a part of the n -th downlink transmission channel in the remaining time domain resources of the slot, wherein n is an integer greater than or equal to 1 and less than or equal to K , and a quantity of actual transmitted downlink transmission channels is greater than K ,

wherein the transmitting a part of the n -th downlink transmission channel in the remaining time domain resources of the slot comprises:

transmitting the part of the n -th downlink transmission channel in the remaining time domain resources of the slot when the remaining time domain resources of the slot is less than time domain resources used for the n -th downlink transmission channel and the remaining time domain resources meet a second agreed condition,

wherein the second agreed condition is that a quantity of time domain symbols of the remaining time domain resources is greater than a preset threshold.

6. The method of claim 5, wherein

the K downlink transmission channels carry different transmission versions of the target data.

7. The method of claim 5, wherein time domain resources used for the each of the K downlink transmission channels are less than time domain resources contained in one slot.

8. The method of claim 5, wherein the preset threshold is 1.

9. A terminal device, comprising:

a first communication unit, configured to transmit K uplink transmission channels in continuous time domain resources of at least two continuous slot; wherein each of the K uplink transmission channels is used for transmitting target data; K is an integer greater than or equal to 2; wherein the first communication unit is configured to, when remaining time domain resources of a slot of the at least two continuous slots cannot transmit an n -th uplink transmission channel of the K uplink transmission channels, transmit a part of the n -th uplink transmission channel in the remaining time domain resources of the slot, wherein n is an integer greater than or equal to 1 and less than or equal to K , and a quantity of actual transmitted uplink

transmission channels is greater than K,

wherein the first communication unit is configured to,

transmit a part of the n-th uplink transmission channel in the remaining time domain resources of the slot when the remaining time domain resources of the slot is less than time domain resources used for the n-th uplink transmission channel and the remaining time domain resources meet a second agreed condition,

wherein the second agreed condition is that a quantity of time domain symbols of the remaining time domain resources is greater than a preset threshold.

10. The terminal device of claim 9, wherein

the K uplink transmission channels carry different transmission versions of the target data.

11. The terminal device of claim 9, wherein time domain resources used for the each of the K uplink transmission channels are less than time domain resources contained in one slot.

12. The terminal device of claim 9, wherein the preset threshold is 1.

13. A network device comprises:

a second communication unit, configured to transmit K downlink transmission channels in continuous time domain resources of at least two continuous slots; wherein each of the K downlink transmission channels is used for transmitting target data; K is an integer greater than or equal to 2; wherein,

the second communication unit is further configured to, when remaining time domain resources of a slot of the at least two continuous slots cannot transmit an n-th downlink transmission channel of the K downlink transmission channels, transmit a part of the n-th downlink transmission channel in the remaining time domain resources of the slot, wherein n is an integer greater than or equal to 1 and less than or equal to K, and a quantity of actual transmitted downlink transmission channels is greater than K,

wherein the second communication unit is configured to:

transmit a part of the n-th downlink transmission channel in the remaining time domain resources of the slot when the remaining time domain resources of the slot is less than time domain resources used for the n-th downlink transmission channel and the remaining time domain resources meet a second agreed condition,

wherein the second agreed condition is that a quantity of time domain symbols of the

remaining time domain resources is greater than a preset threshold.

14. The network device of claim 13, wherein

the K downlink transmission channels carry different transmission versions of the target data.

5 15. The network device of claim 13, wherein time domain resources used for the each of the K downlink transmission channels are less than time domain resources contained in one slot.

16. The network device of claim 13, wherein the preset threshold is 1.