CLAIMS

What is claimed is:

1. A method for determining a transmission direction, comprising:

obtaining, by a terminal, first configuration signaling, wherein the first configuration signaling is used to determine a first transmission direction corresponding to a target resource;

obtaining, by the terminal, second configuration signaling, wherein the second configuration signaling is used to determine a second transmission direction corresponding to the target resource; and

determining, by the terminal, a transmission direction of the target resource as the first transmission direction, and transmitting data in the first transmission direction;

wherein the first configuration signaling is cell-specific radio resource control (RRC) signaling.

2. The method according to claim 1, wherein the second configuration signaling is semi-static uplink (UL)/downlink (DL) configuration signaling, downlink control information (DCI) signaling, or user equipment (UE)-specific RRC signaling.

3. The method according to claim 1 or 2, wherein the determining a first transmission direction corresponding to a target resource comprises:

determining, based on the cell-specific RRC signaling, that the target resource corresponds to a uplink (UL) transmission direction; and

the determining a second transmission direction corresponding to the target resource comprises:

determining, based on dynamic scheduling signaling, that the target resource corresponds to a downlink (DL) transmission direction.

4. The method according to claim 1 or 2, wherein the determining a first transmission direction corresponding to a target resource comprises:

determining, based on the cell-specific RRC signaling, that the target resource corresponds to a downlink (DL) transmission direction; and

the determining a second transmission direction corresponding to the target resource comprises:

determining, based on dynamic scheduling signaling, that the target resource corresponds to a uplink (UL) transmission direction.

5. The method according to claim 1 or 2, wherein the determining a first transmission direction corresponding to a target resource comprises:

determining, based on the cell-specific RRC signaling, that the target resource corresponds to a uplink (UL) transmission direction; and

the determining a second transmission direction corresponding to the target resource comprises:

determining, based on UE-specific RRC signaling, that the target resource corresponds to a downlink (DL) transmission direction.

6. The method according to claim 1 or 2, wherein the determining a first transmission direction corresponding to a target resource comprises:

determining, based on the cell-specific RRC signaling, that the target resource corresponds to a downlink (DL) transmission direction; and

the determining a second transmission direction corresponding to the target resource comprises:

determining, based on UE-specific RRC signaling, that the target resource corresponds to a uplink (UL) transmission direction.

7. The method according to claim 3 or 5, wherein the determining, by the terminal, a transmission direction of the target resource as the first transmission direction, and transmitting data in the first transmission direction comprises:

determining, by the terminal, the transmission direction of the target resource as a UL transmission direction, and sending UL data on the target resource.

8. The method according to claim 4 or 6, wherein the determining, by the terminal, a transmission direction of the target resource as the first transmission direction, and transmitting data in the first transmission direction comprises:

determining, by the terminal, the transmission direction of the target resource as a DL transmission direction, and receiving DL data on the target resource.

9. The method according to any one of claims 1 to 8, wherein the target resource comprises one or more symbols.

10. A transmission direction determining method, comprising:

configuring and sending, by a network device, first configuration signaling, wherein the first configuration signaling is used to determine a first transmission direction corresponding to a target resource, and the first configuration signaling is cell-specific radio resource control (RRC) signaling;

configuring and sending, by the network device, second configuration signaling, wherein the second configuration signaling is used to determine a second transmission direction corresponding to the target resource; and

performing, by the network device, data transmission in the first transmission direction.

11. The method according to claim 10, wherein the second configuration signaling is semi-static uplink (UL)/downlink (DL) configuration signaling, downlink control information (DCI) signaling, or user equipment (UE)-specific RRC signaling.

12. The method according to claim 10 or 11, wherein the target resource comprises one or more symbols.

~~10~~13. An apparatus for determining a transmission direction, comprising:

a first receiving unit, configured to obtain first configuration signaling;

a first determining unit, configured to determine, based on the first configuration signaling, a first transmission direction corresponding to a target resource, wherein the first configuration signaling is cell-specific radio resource control (RRC) signaling;

a second receiving unit, configured to obtain second configuration signaling;

a second determining unit, configured to determine, based on the second configuration signaling, a second transmission direction corresponding to the target resource;

a third determining unit, configured to determine a transmission direction of the target resource as the first transmission direction; and

a transmission unit, configured to transmit data in the first transmission direction.

~~11~~14. The apparatus according to claim ~~10~~13, wherein the second configuration signaling is semi-static uplink (UL)/downlink (DL) configuration signaling, downlink control information (DCI) signaling, or user equipment (UE)-specific RRC signaling.

~~12~~15. The apparatus according to claim ~~10~~13 or ~~11~~14, wherein the first determining unit is configured to determine, based on the cell-specific RRC signaling, that the target resource corresponds to a uplink (UL) transmission direction; and

the second determining unit is configured to determine, based on dynamic scheduling signaling, that the target resource corresponds to a downlink (DL) transmission direction.

~~13~~16. The apparatus according to claim ~~10~~13 or ~~11~~14, wherein the first determining unit is configured to determine, based on the cell-specific RRC signaling, that the target resource corresponds to a downlink (DL) transmission direction; and

the second determining unit is configured to determine, based on dynamic scheduling signaling, that the target resource corresponds to a uplink (UL) transmission direction.

~~14~~17. The apparatus according to claim ~~12~~15, wherein the third determining unit is configured to determine the transmission direction of the target resource as a UL transmission direction; and

the transmission unit is configured to send UL data on the target resource.

~~15~~18. The apparatus according to claim ~~13~~16, wherein the third determining unit is configured to determine the transmission direction of the target resource as a DL transmission direction; and

the transmission unit is configured to receive DL data on the target resource.

19. The apparatus according to any one of claims 13 to 18, wherein the target resource comprises one or more symbols.

20. A transmission direction determining apparatus, comprising:

a first configuration unit, configured to configure and send first configuration signaling, wherein the first configuration signaling is used to determine a first transmission direction corresponding to a target resource, and the first configuration signaling is cell-specific radio resource control (RRC) signaling;

a second configuration unit, configured to configure and send second configuration signaling, wherein the second configuration signaling is used to determine a second transmission direction corresponding to the target resource; and

a transmission unit, configured to perform data transmission in the first transmission direction.

21. The apparatus according to claim 20, wherein the second configuration signaling is semi-static uplink (UL)/downlink (DL) configuration signaling, downlink control information (DCI) signaling, or user equipment (UE)-specific RRC signaling.

22. The apparatus according to claim 20 or 21, wherein the target resource comprises one or more symbols.