

represents correspondence between a plurality of PRB numbers and a plurality of TBSs.

7. The method according to claim 6, wherein determining a first PRB number according to the target PRB number and the ratio of the target PRB resource overhead comprises:

determining the first PRB number as  $\lfloor (1-P) \times N \rfloor$  according to the target PRB number and the ratio of the target PRB resource overhead, wherein N denotes the target PRB number, P denotes the ratio of the target PRB resource overhead, and  $\lfloor . \rfloor$  denotes rounded down.

8. The method according to any one of claims 1 to 7, wherein the method is performed by a terminal device, and before determining the transmission parameters used for transmitting the current target transport block, the method further comprises:

receiving, by the terminal device, the transmission parameters sent by a network device.

9. The method according to any one of claims 1 to 7, wherein the method is performed by a network device, and after determining the transmission parameters used for transmitting the current target transport block, the method further comprises:

transmitting, by the network device, the transmission parameters to a terminal device.

10. The method according to any one of claims 1 to 9, wherein the parameters are transmitted in DCI signaling or RRC signaling.

11. The method according to any one of claims 1 to 10, wherein the target Modulation and Coding Scheme MCS includes a MCS level or a MCS index.

12. A communication device, comprising:

a determining unit configured to determine transmission parameters for transmitting a current target transport block, wherein the transmission parameters comprises target Modulation and Coding Scheme MCS, a target Physical Resource Block PRB number, and information about a PRB resource overhead;

the determining unit being further configured to determine a target Transport Block Size TBS of the target transport block according to the transmission parameters; and

a transmission unit configured to transmit the target transport block or receive the target transport block according to the target TBS determined by the determining unit.

13. The communication device according to claim 12, wherein the information about the PRB resource overhead comprises a target PRB resource overhead of the target transport block, and

the target PRB resource overhead comprises, among all PRBs with the target PRB number, a number of resource elements REs that are not used for transmitting the target transport block, or an average number of REs that are not used for transmitting the target transport block in each PRB.

14. The communication device according to claim 13, wherein the determining unit is configured to

determine a resource overhead group corresponding to the target PRB number according to a first mapping relationship and the target PRB number among a plurality of PRB numbers which correspond to the target MCS, wherein the first mapping relationship represents correspondence between a plurality of PRB numbers and a plurality of groups of resource overheads; and

determine, among a plurality of TBSs corresponding to a plurality of resource overheads in the resource overhead group, a TBS corresponding to the target PRB resource overhead as the target TBS.

15. The communication device according to claim 13, wherein the determining unit is configured to

determine a resource overhead group corresponding to the target PRB number according to a first mapping relationship and the target PRB number among a plurality of PRB numbers which correspond to the target MCS, wherein the first mapping relationship represents correspondence between a plurality of PRB numbers and a plurality of groups of resource

overheads;

determine, among a plurality of resource overheads in the resource overhead group, at least one resource overhead larger than or equal to the target PRB resource overhead; and

determine a TBS corresponding to the minimum resource overhead of the at least one resource overhead as the target TBS.

16. The communication device according to claim 12, wherein the information about the PRB resource overhead comprises a ratio of the target PRB resource overhead, and

the ratio of the target PRB resource overhead comprises a ratio of the number of the REs that are not used for transmitting the data in all PRBs with the target PRB number against a total number of the REs in all PRBs, or a ratio of an average number of REs that are not used for transmitting the data in each PRB against a total number of REs in each PRB.

17. The communication device according to claim 16, wherein the determining unit is configured to

determine a first PRB number according to the target PRB number and the ratio of the target PRB resource overhead; and

determine a TBS corresponding to the first PRB number as the target TBS according to a second mapping relationship and the first PRB number among a plurality of PRB numbers which correspond to the target MCS, wherein the second mapping relationship represents correspondence between a plurality of PRB numbers and a plurality of TBSs.

18. The communication device according to claim 17, wherein the determining unit is configured to

determine the first PRB number as  $\lfloor (1-P) \times N \rfloor$  according to the target PRB number and the ratio of the target PRB resource overhead, where N denotes the target PRB number, P denotes the ratio of the target PRB resource overhead, and  $\lfloor . \rfloor$  denotes rounded down.

19. The communication device according to any one of claims 12 to 18, wherein the

communication device is a terminal device, and the transmission unit is further configured to receive the transmission parameters sent by a network device.

20. The communication device according to any one of claims 12 to 18, wherein the communication device is a network device, and the transmission unit is further configured to send the transmission parameters to a terminal device.

21. The communication device according to any one of claims 12 to 20, wherein the parameters are transmitted in DCI signaling or RRC signaling.

22. The communication device according to any one of claims 12 to 21, wherein the target Modulation and Coding Scheme MCS includes a MCS level or a MCS index.

23. A communication device, comprising a processor, a transceiver, and a memory,  
wherein the processor is configured to execute instructions stored by the memory;  
when the processor executes the instructions stored by the memory, the processor and the transceiver are caused to perform the method according to any one of claims 1 to 11.