1104 and a bus 1105.

[00240] The processor 1101 includes one or more processing cores. The processor 1101 is configured to execute various functional applications and information processing by operating software programs and modules.

[00241] The receiver 1102 and the transmitter 1103 may be implemented as a communication component. The communication component may be a communication chip.

[00242] The memory 1104 is connected to the processor 1101 via a bus 1105.

[00243] The memory 1104 may be configured to store at least one instruction. The processor 1101 is configured to execute the at least one instruction to implement each action in the above method embodiment.

[00244] In addition, the memory 1104 may be implemented by any type of volatile or nonvolatile memory device or a combination thereof. The volatile or nonvolatile memory device includes, but not limited to, a magnetic disk or optical disk, an electrically erasable programmable read-only memory (EEPROM), an erasable programmable read-only memory (EPROM), a static random-access memory (SRAM), a read-only memory (ROM), a magnetic memory, a flash memory, a programmable read-only memory (PROM)

[00245] In an embodiment, there is also provided a non-transitory computer readable storage medium including instructions, such as a memory including instructions. The instructions may be executed by the processor of the terminal to implement the method performed by the terminal in the above resource determination method. For example, the non-transitory computer readable storage medium may be an ROM, an RAM, a CD-ROM, a magnetic tape, a floppy disk, an optical data storage device, etc.

[00246] There is the non-transitory computer readable storage medium. When the instructions in the non-transitory computer readable storage medium are executed by the terminal, the terminal is enabled to execute the resource determination method.

[00247] FIG. 12 is a block diagram illustrating a network device 1200 according to an embodiment of the disclosure. In some embodiments, the network device 1200 may be a base station.

[00248] The network device 1200 may include a processor 1201, a receiver 1202, a transmitter 1203 and a memory 1204. The receiver 1202, the transmitter 1203 and the memory 1204 are respectively connected to the processor 1201 through buses.

[00249] The processor 1201 includes one or more processing cores. The processor 1201 is configured to execute the method performed by the network device in the resource determination method according to embodiments of the disclosure by operating software programs and modules. The memory 1204 may be configured to store the software programs and the modules. In detail, the memory 1204 may be configured to store an operating system 1241 and an application module 1242 required by at least one function. The receiver 1202 is configured to receive communication data sent by other devices. The transmitter 1203 is configured to send communication data to other devices.

[00250] With a non-transitory computer readable storage medium, the network device is enabled to perform the above resource determination method when instructions in the non-transitory computer storage medium are executed by a processor of the network device.

[00251] An embodiment of the disclosure also provides a communication system. The system includes a terminal and a network device.

[00252] The terminal includes the resource determination apparatus provided in embodiments illustrated in FIG. 8 or FIG. 9.

[00253] The network device includes the resource determination apparatus provided in embodiments illustrated in FIG. 10.

[00254] An embodiment of the disclosure also provides a communication system. The communication system includes a terminal and a network device.

[00255] The terminal includes the terminal provided in the embodiment illustrated in FIG. 11.

[00256] The network device includes the network device provided in the embodiment illustrated in FIG. 12.

[00257] An exemplary embodiment of the disclosure also provides a computer readable storage medium. The computer readable storage medium has at least one instruction, at least one program, a code set or an instruction set stored thereon. The at least one instruction, the at least one program, the code set or the instruction set is loaded and executed by the processor to implement the steps performed by the terminal or the network device in the method for determining the resource provided by the respective method embodiments.

[00258] It should be understood that, the term “a plurality of” herein means two or more. The term “and/or” describes an association relationship of associated objects, which means that

CLAIMS

1. A resource determination method, performed by a first terminal, comprising:

receiving first configuration information and second configuration information, wherein the first configuration information comprises a first time domain resource, a first frequency domain resource and M first beams, the second configuration information comprises a second time domain resource, a second frequency domain resource and N second beams, and the first time domain resource and the second time domain resource have an overlapped time domain resource, where M and N are positive integers; and

determining a specified transmission resource on the overlapped time domain resource.

2. The method of claim 1, wherein the specified transmission resource comprises at least one of a specified frequency domain resource or a specified beam.

3. The method of claim 2, wherein the specified beam comprises the N second beams.

4. The method of claim 3, wherein the first beam is different from the second beam, and the first terminal is not capable of supporting the M first beams and the N second beams simultaneously.

5. The method of claim 3, wherein the N second beams comprise at least one first beam.

6. The method of claim 5, wherein the specified frequency domain resource comprises at least one of the first frequency domain resource and the second frequency domain resource.

7. The method of claim 5, wherein the specified frequency domain resource comprises the second frequency domain resource and a third frequency domain resource, wherein the third frequency domain resource comprises a frequency domain resource in the first frequency domain resource that does not overlap with the second frequency domain resource.

8. The method of claim 3, wherein the specified beam further comprises at least one first beam, the first beam is different from the second beam, and the first terminal is capable of supporting the at least one first beam and the N second beams simultaneously.

9. The method of claim 8, wherein the specified frequency domain resource comprises the first frequency domain resource and the second frequency domain resource, and the first frequency domain resource and the second frequency domain resource have an overlapped frequency domain resource.

10. The method of any of claims 1 to 9, wherein, in the M first beams,

time domain resources or frequency domain resources corresponding to any two first beams are different.

11. The method of any of claims 1 to 9, wherein, in the N second beams,

time domain resources or frequency domain resources corresponding to any two second beams are different.

12. A resource determination method, performed by a second terminal, comprising:

receiving configuration information, wherein the configuration information is configured to indicate an occupation status of a time domain resource and a frequency domain resource to the second terminal; and

determining whether transmission with at least one antenna panel is performed on the time domain resource based on the configuration information,

wherein the configuration information comprises at least one of:

the time domain resource;

the frequency domain resource;

the at least one antenna panel; or

at least one third beam.

13. The method of claim 12, wherein a reference signal corresponding to the at least one third beam in the configuration information is a synchronization signal block (SSB).

14. The method of claim 12, wherein the second terminal is configured or scheduled to perform the transmission with the at least one antenna panel on the time domain resource through a target beam.

15. A resource determination method, performed by a network device, comprising:

sending first configuration information and second configuration information to a first terminal, wherein the first configuration information comprises a first time domain resource, a first frequency domain resource and M first beams, the second configuration information comprises a second time domain resource, a second frequency domain resource and N second beams, and the first time domain resource and the second time domain resource have an overlapped time domain resource, where M and N are positive integers; and

determining a specified transmission resource for the first terminal on the overlapped time domain resource.

16. The method of claim 15, wherein the specified transmission resource comprises at least one of a specified frequency domain resource or a specified beam.

17. The method of claim 16, wherein the specified beam comprises the N second beams.

18. The method of claim 17, wherein the first beam is different from the second beam, and the first terminal is not capable of supporting the M first beams and the N second beams simultaneously.

19. The method of claim 17, wherein the N second beams comprise at least one first beam.

20. The method of claim 19, wherein the specified frequency domain resource comprises at least one of the first frequency domain resource and the second frequency domain resource.

21. A resource determination method, performed by a network device, comprising:

sending configuration information to a second terminal, wherein the configuration information is configured to indicate an occupation status of a time domain resource and a frequency domain resource to the second terminal,

wherein the configuration information comprises at least one of:

the time domain resource;

the frequency domain resource;

at least one antenna panel; or

at least one third beam.

22. A terminal, comprising:

a processor;

a transceiver, connected to the processor; and

a memory, configured to store executable signalings of the processor,

wherein the processor is configured to load and execute the executable signalings to implement the resource determination method according to any one of claims 1 to 14.

23. A network device, comprising:

a processor;

a transceiver, connected to the processor; and

a memory, configured to store executable signalings of the processor,

wherein the processor is configured to load and execute the executable signalings to implement the resource determination method according to any one of claims 15 to 21.

24. A computer readable storage medium having at least one instruction, at least one program, at least one code set or at least one instruction set stored thereon, wherein the at least one instruction, the at least one program, the at least one code set or the at least one instruction set is loaded and executed by a processor to implement the resource determination method according to any one of claims 1 to 21.