~~What is claimed is~~CLAIMS:

1. A time-domain resource determination method, comprising:

receiving transmission indication information sent by a base station, wherein the transmission indication information carries an index identifier of a target bandwidth part resource and time-domain resource allocation indication information;

determining a number of switching time slots required for current bandwidth part resource switching according to an original bandwidth part resource and ~~a~~the target bandwidth part resource, wherein the original bandwidth part resource is a bandwidth part resource used by a terminal before the current bandwidth part resource switching, ~~and~~ the target bandwidth part resource is a bandwidth part resource used by the terminal after the current bandwidth part resource switching, and the target bandwidth part is determined according to the index identifier of the target bandwidth part resource carried in the transmission indication information; and

determining, according to the number of switching time slots and a basic time slot deviation, a target time slot deviation, wherein the target time slot deviation is used by the terminal to determine a time slot position where the target bandwidth part resource is located when the terminal ~~for performing~~performs a data transmission by using the target bandwidth part resource, ~~wherein~~ the basic time slot deviation is determined according to the time-domain resource allocation indication information carried in the transmission indication information ~~sent by a base station~~, the basic time slot deviation is used by the terminal to determine a time slot position where a time-domain resource is located when the terminal performs the data transmission by using the original bandwidth part resource, and the target time slot deviation is a sum of the number of switching time slots and the basic time slot deviation;

wherein receiving the transmission indication information sent by the base station comprises:

performing a blind detection on the original bandwidth part resource in one of following two manners to obtain the transmission indication information:

in a manner one:

performing the blind detection on the transmission indication information according to a case where a size of an antenna port field in the transmission indication information has a maximum value; or

in a manner two:

inquiring a demodulation reference signal (DMRS) configuration parameter corresponding to a mapping type one and a DMRS configuration parameter corresponding to a mapping type two respectively;

in a case where a parameter related to an antenna port field in the DMRS configuration parameter corresponding to the mapping type one is the same as a parameter related to an antenna port field in the DMRS configuration parameter corresponding to the mapping type two, performing the blind detection on the transmission indication information according to a size of the antenna port field corresponding to one of the mapping type one or the mapping type two;

in a case where the parameter related to the antenna port field in the DMRS configuration parameter corresponding to the mapping type one is different from the parameter related to the antenna port field in the DMRS configuration parameter corresponding to the mapping type two, performing the blind detection on the transmission indication information according to a larger size between a size of the antenna port field corresponding to the mapping type one and a size of the antenna port field corresponding to the mapping type two.

2. The method of claim 1, wherein determining, according to the original bandwidth part resource and the target bandwidth part resource, the number of switching time slots required for the current bandwidth part resource switching comprises:

determining a current switching scenario according to a configuration parameter of the original bandwidth part resource and a configuration parameter of the target bandwidth part resource;

determining a switching duration corresponding to the current switching scenario according to a pre-stored mapping relationship between switching scenarios and switching durations; and

determining the number of switching time slots required for the current bandwidth part resource switching according to the switching duration and the configuration parameter of the target bandwidth part resource.

3. The method of claim 2, wherein the configuration parameter of the target bandwidth part resource comprises a subcarrier spacing of the target bandwidth part resource; and

determining the number of switching time slots required for the current bandwidth part resource switching according to the switching duration and the configuration parameter of the target bandwidth part resource comprises:

determining a time slot length corresponding to the subcarrier spacing of the target bandwidth part resource; and

obtaining the number of switching time slots required for the current bandwidth part resource switching by rounding up a ratio of the switching duration to the time slot length.

4. The method of claim 1, wherein the time-domain resource allocation indication information comprises a time-domain resource allocation indication field, and the time-domain resource allocation indication field is used for specifying one of at least two basic time slot deviations in a time-domain resource allocation table; and before determining, according to the number of switching time slots and the basic time slot deviation, the target time slot deviation ~~for performing the data transmission by using the target bandwidth part resource~~, the method further comprises:

determining, according to an indication of the time-domain resource allocation indication field, the basic time slot deviation specified by the base station from the time-domain resource allocation table.

~~5. The method of claim 1, before determining the number of switching time slots required for the current bandwidth part resource switching according to the original bandwidth part resource and the target bandwidth part resource, further comprising:~~

~~performing a blind detection on the original bandwidth part resource in one of following two manners to obtain the transmission indication information:~~

~~in a manner one:~~

~~performing the blind detection on the transmission indication information according to a case where a size of an antenna port field in the transmission indication information has a maximum value; or~~

~~in a manner two:~~

~~inquiring a demodulation reference signal (DMRS) configuration parameter corresponding to a mapping type one and a DMRS configuration parameter corresponding to a mapping type two respectively;~~

~~in a case where a parameter related to an antenna port field in the DMRS configuration parameter corresponding to the mapping type one is the same as a parameter related to an antenna port field in the DMRS configuration parameter corresponding to the mapping type two, performing the blind detection on the transmission indication information according to a size of the antenna port field corresponding to one of the mapping type one or the mapping type two;~~

~~in a case where the parameter related to the antenna port field in the DMRS configuration~~

~~parameter corresponding to the mapping type one is different from the parameter related to the antenna port field in the DMRS configuration parameter corresponding to the mapping type two, performing the blind detection on the transmission indication information according to a larger size between a size of the antenna port field corresponding to the mapping type one and a size of the antenna port field corresponding to the mapping type two.~~

~~6~~5. The method of claim ~~5~~1, wherein in a case where data reception is currently required to be performed, the parameter related to the antenna port field in the DMRS configuration parameter comprises: a DMRS type and a DMRS maximum length;

in a case where data sending is currently required to be performed, the parameter related to the antenna port field in the DMRS configuration parameter comprises: a DMRS type, a DMRS maximum length, and a physical uplink shared channel-transform precoder (PUSCH-tp) enable value.

~~7~~6. The method of any one of claims 1 to ~~6~~5, wherein the basic time slot deviation comprises an uplink basic time slot deviation or a downlink basic time slot deviation.

~~8~~7. The method of any one of claims 1 to ~~6~~5, wherein the transmission indication information comprises downlink control information (DCI).

~~9. A time-domain resource allocation method, comprising:~~

~~determining a target bandwidth part resource used by a transmission after current bandwidth part resource switching; and~~

~~sending transmission indication information containing both of an index identifier of the target bandwidth part resource and time-domain resource allocation indication information to a terminal.~~

~~10. The method of claim 9, wherein the time-domain resource allocation indication information comprises a time-domain resource allocation indication field, and the time-domain resource allocation indication field is used for specifying one of at least two basic time slot deviations in a time-domain resource allocation table.~~

8. A method for obtaining information, comprising:

performing, by a terminal, a blind detection in one of following two manners to obtain transmission indication information sent by a base station:

in a manner one:

performing, by the terminal, the blind detection on the transmission indication information according to a case where a size of an antenna port field in the transmission indication information has a maximum value; or

in a manner two:

inquiring, by the terminal, a demodulation reference signal (DMRS) configuration parameter corresponding to a mapping type one and a DMRS configuration parameter corresponding to a mapping type two respectively;

in a case where a parameter related to an antenna port field in the DMRS configuration parameter corresponding to the mapping type one is the same as a parameter related to an antenna port field in the DMRS configuration parameter corresponding to the mapping type two, performing, by the terminal, the blind detection on the transmission indication information according to a size of the antenna port field corresponding to one of the mapping type one or the mapping type two;

in a case where the parameter related to the antenna port field in the DMRS configuration parameter corresponding to the mapping type one is different from the parameter related to the antenna port field in the DMRS configuration parameter corresponding to the mapping type two, performing, by the terminal, the blind detection on the transmission indication information according to a larger size between a size of the antenna port field corresponding to the mapping type one and a size of the antenna port field corresponding to the mapping type two.

9. The method of claim 8, wherein in a case where data reception is currently required to be performed, the parameter related to the antenna port field in the DMRS configuration parameter comprises: a DMRS type and a DMRS maximum length;

in a case where data sending is currently required to be performed, the parameter related to the antenna port field in the DMRS configuration parameter comprises: a DMRS type, a DMRS maximum length, and a physical uplink shared channel-transform precoder (PUSCH-tp) enable value.

~~11~~10. A time-domain resource determination apparatus, comprising:

an indication detection unit, which is configured to receive transmission indication information sent by a base station, wherein the transmission indication information carries an index identifier of a target bandwidth part resource and time-domain resource allocation indication information;

a switching determination unit, which is configured to determine a number of switching time slots

required for current bandwidth part resource switching according to an original bandwidth part resource and ~~a~~the target bandwidth part resource, wherein the original bandwidth part resource and the target bandwidth part resource are respectively a bandwidth part resource used by a terminal before the current bandwidth part resource switching and a bandwidth part resource used by the terminal after the current bandwidth part resource switching, and the target bandwidth part is determined according to the index identifier of the target bandwidth part resource carried in the transmission indication information; and

a target time slot determination unit, which is configured to determine, according to the number of switching time slots and a basic time slot deviation, a target time slot deviation, wherein the target time slot deviation is used by the terminal to determine a time slot position where the target bandwidth part resource is located when the terminal ~~for performing~~performs a data transmission by using the target bandwidth part resource, ~~wherein~~ the basic time slot deviation is determined according to the time-domain resource allocation indication information carried in the transmission indication information ~~sent by a base station~~, the basic time slot deviation is used by the terminal to determine a time slot position where a time-domain resource is located when the terminal performs the data transmission by using the original bandwidth part resource, and the target time slot deviation is a sum of the number of switching time slots and the basic time slot deviation;

wherein the indication detection unit is configured to receive the transmission indication information sent by the base station in the following manner: performing a blind detection on the original bandwidth part resource in one of following two manners to obtain the transmission indication information:

in a manner one:

performing the blind detection on the transmission indication information according to a case where a size of an antenna port field in the transmission indication information has a maximum value; or

in a manner two:

inquiring a demodulation reference signal (DMRS) configuration parameter corresponding to a mapping type one and a DMRS configuration parameter corresponding to a mapping type two respectively;

in a case where a parameter related to an antenna port field in the DMRS configuration parameter corresponding to the mapping type one is the same as a parameter related to an antenna port field in the DMRS configuration parameter corresponding to the mapping type two,

performing the blind detection on the transmission indication information according to a size of the antenna port field corresponding to one of the mapping type one or the mapping type two;

in a case where the parameter related to the antenna port field in the DMRS configuration parameter corresponding to the mapping type one is different from the parameter related to the antenna port field in the DMRS configuration parameter corresponding to the mapping type two, performing the blind detection on the transmission indication information according to a larger size between a size of the antenna port field corresponding to the mapping type one and a size of the antenna port field corresponding to the mapping type two.

~~12. A time-domain resource allocation apparatus, comprising:~~

~~a switching determination unit, which is configured to determine a target bandwidth part resource used by a transmission after current bandwidth part resource switching; and~~

~~an indication transmission unit, which is configured to send transmission indication information containing both of an index identifier of the target bandwidth part resource and time-domain resource allocation indication information to a terminal.~~

~~13. A base station, comprising a processor, a memory, a communication device, and a communication bus; wherein~~

~~the communication bus is configured to implement a connection communication between the processor and the memory and a connection communication between the processor and the communication device; and~~

~~the processor is configured to execute at least one program stored in the memory to implement the time-domain resource allocation method of claim 9 or 10.~~

~~14~~11. A terminal, comprising a processor, a memory, a communication device, and a communication bus; wherein

the communication bus is configured to implement a connection communication between the processor and the memory and a connection communication between the processor and the communication device; and

the processor is configured to execute at least one program stored in the memory to implement the time-domain resource determination method of any one of claims 1 to ~~8~~9.

~~15~~12. A storage medium, storing ~~at least one of a time-domain resource allocation program or~~ a

time-domain resource determination program, wherein ~~the time-domain resource allocation program is executable by at least one processor to implement the time-domain resource allocation method of claim 9 or 10; and~~ the time-domain resource determination program is executable by the at least one processor to implement the time-domain resource determination method of any one of claims 1 to ~~8~~9.