WHAT IS CLAIMED IS:

1. A method (~~200~~300) for transmitting feedback information, comprising:

receiving (~~S210~~S310), by a terminal device, trigger signaling which is used for triggering transmission of feedback information for at least one downlink transmission channel ~~group~~ by the terminal device and which is used for indicating a total number of bits of feedback information to be transmitted, wherein the feedback information to be transmitted comprises the feedback information for the at least one downlink transmission channel, and wherein the trigger signaling comprises a target value; and

determining ~~(S220),~~ by the terminal device the at least one downlink transmission channel based on the target value~~based on the trigger signaling, a feedback information codebook which comprises the feedback information for the at least one downlink channel group,~~

wherein the target value is used for indicating a time range, and the determining by the terminal device the at least one downlink transmission channel based on the target value comprises:

determining by the terminal device the at least one downlink transmission channel within the time range.

2. The method according to claim 1, wherein~~ the trigger signaling is used for determining the at least one downlink channel group~~ the method further comprises:

determining by the terminal device the total number of bits of the feedback information to be transmitted based on the number of the at least one downlink transmission channel.

~~3. The method according to claim 1 or 2, wherein the at least one downlink channel group comprises at least one of a downlink physical shared channel or a downlink physical control channel.~~

~~4. The method according to any one of claims 1 to 3, wherein determining (S220) the feedback information codebook comprises:~~

~~determining a number of bits of the feedback information.~~

~~5. The method according to claim 4, wherein determining the number of bits of the feedback information comprises:~~

~~determining by the terminal device the number of bits of the feedback information based on the number of bits of feedback information corresponding to each downlink channel group~~

~~in the at least one downlink channel group and a number of the at least one downlink channel group.~~

~~6. The method according to claim 5, wherein the trigger signaling is used for indicating the number of bits of the feedback information corresponding to each downlink channel group.~~

~~7. The method according to claim 5, wherein the method further comprises:~~

~~determining by the terminal device the number of bits of the feedback information for a first downlink channel group in the at least one downlink channel group based on a number of downlink channels included in the first downlink channel group.~~

~~8. The method according to claim 7, wherein the trigger signaling is further used for indicating the number of downlink channels included in the first downlink channel group.~~

~~9. The method according to claim 4, wherein determining the number of bits of the feedback information comprises:~~

~~determining by the terminal device the number of bits of the feedback information based on a target parameter, the number of downlink channels included in each downlink channel group in the at least one downlink channel group, and the number of groups of the at least one downlink channel group, wherein a value of the target parameter is a maximum number of bits of the feedback information corresponding to each downlink channel in the at least one downlink channel group.~~

~~10. The method according to any one of claims 1 to 3, wherein determining (S220) the feedback information codebook comprises:~~

~~determining a bit position of the feedback information for each downlink channel in the at least one downlink channel group.~~

~~11~~3. A terminal device, comprising:

a transceiver unit (620) configured to receive trigger signaling which is used for triggering transmission of feedback information for at least one downlink transmission channel ~~group~~ by the terminal device and which is used for indicating a total number of bits of feedback information to be transmitted, wherein the feedback information to be transmitted comprises the feedback information for the at least one downlink transmission channel, and wherein the trigger signaling comprises a target value; and

a processing unit (610) configured to determine the at least one downlink transmission channel based on the target value~~a feedback information codebook based on the trigger signaling, wherein the feedback information codebook comprises the feedback information for the at least one downlink channel group~~,

wherein the target value is used for indicating a time range, and the processing unit is configured to:

determine the at least one downlink transmission channel within the time range.

~~12~~4. The terminal device according to claim ~~11~~3, wherein ~~the trigger signaling is used for determining the at least one downlink channel group~~ the processing unit is further configured to:

determine the total number of bits of the feedback information to be transmitted based on the number of the at least one downlink transmission channel.

~~13. The terminal device according to claim 11 or 12, wherein the at least one downlink channel group comprises at least of a downlink physical shared channel or a downlink physical control channel.~~

~~14. The terminal device according to any one of claims 11 to 13, wherein the processing unit (610) is further configured to:~~

~~determine a number of bits of the feedback information.~~

~~15. The terminal device according to claim 14, wherein the processing unit (610) is further configured to:~~

~~determine the number of bits of the feedback information based on the number of bits of the feedback information corresponding to each downlink channel group in the at least one downlink channel group and a number of the at least one downlink channel group.~~

~~16. The terminal device according to claim 15, wherein the trigger signaling is used for indicating the number of bits of the feedback information corresponding to each downlink channel group.~~

~~17. The terminal device according to claim 15, wherein the processing unit (610) is further configured to:~~

~~determine the number of bits of the feedback information for a first downlink channel group in the at least one downlink channel group based on a number of downlink channels included in the first downlink channel group~~

~~18. The terminal device according to claim 17, wherein the trigger signaling is further used for indicating the number of downlink channels included in the first downlink channel group.~~

~~19. The terminal device according to claim 14, wherein the processing unit (610) is further configured to:~~

~~determine the number of bits of the feedback information based on a target parameter, the number of downlink channels included in each downlink channel group in the at least one~~

~~downlink channel group, and the number of groups of the at least one downlink channel group, wherein a value of the target parameter is a maximum number of bits of the feedback information corresponding to each downlink channel in the at least one downlink channel group.~~

~~20. The terminal device according to any one of claims 11 to 13, wherein the processing unit (610) is further configured to:~~

~~determine a bit position of the feedback information for each downlink channel in the at least one downlink channel group.~~

5. A method (500) for transmitting feedback information, comprising:

transmitting (S510), by a network device, trigger signaling which is used for triggering transmission of feedback information for at least one downlink transmission channel by a terminal device and which is used for indicating a total number of bits of feedback information to be transmitted, wherein the feedback information to be transmitted comprises the feedback information for the at least one downlink transmission channel,

wherein the trigger signaling comprises a target value which is used by the terminal device to determine the at least one downlink transmission channel, and

wherein the target value is used for indicating a time range which is used by the terminal device to determine the at least one downlink transmission channel within the time range.

6. A network device, comprising:

a transceiver unit configured to transmit trigger signaling which is used for triggering transmission of feedback information for at least one downlink transmission channel by a terminal device and which is used for indicating a total number of bits of feedback information to be transmitted, wherein the feedback information to be transmitted comprises the feedback information for the at least one downlink transmission channel,

wherein the trigger signaling comprises a target value which is used by the terminal device to determine the at least one downlink transmission channel, and

wherein the target value is used for indicating a time range which is used by the terminal device to determine the at least one downlink transmission channel within the time range.