

WHAT IS CLAIMED IS:

1. A feedback method, performed by a terminal, comprising:

determining that a resource of a first physical uplink control channel (PUCCH) for transmitting sidelink feedback information overlaps with a resource of a second physical uplink channel for transmitting other uplink information in a time domain, wherein the other uplink information is uplink information different from the sidelink feedback information; and

transmitting one of the first PUCCH and the second physical uplink channel,

wherein, the second physical uplink channel is transmitted in response to a data transmission priority corresponding to the other uplink information being higher than a preconfigured uplink-downlink data priority threshold, and the first PUCCH is transmitted in response to the data transmission priority corresponding to the other uplink information being lower than the preconfigured uplink-downlink data priority threshold; or

the first PUCCH is transmitted in response to the data transmission priority corresponding to the sidelink feedback information being higher than a preconfigured sidelink data priority threshold and the second physical uplink channel is transmitted in response to the data transmission priority corresponding to the sidelink feedback information being lower than the preconfigured sidelink data priority threshold.

2. The method of claim 1, said transmitting one of the first PUCCH and the second physical uplink channel comprising:

transmitting the first PUCCH in response to configuration information indicating transmitting the first PUCCH; and

transmitting the second physical uplink channel in response to configuration information indicating transmitting the second physical uplink channel.

3. The method of claim 1, said transmitting one of the first PUCCH and the second physical uplink channel comprising:

transmitting one of the first PUCCH and the second physical uplink channel based on uplink information content comprised in the other uplink information.

4. The method of claim 3, wherein, the first PUCCH is transmitted in response to the uplink information content comprised in the other uplink information comprising one of channel state information, scheduling request information, or merged information of the scheduling request information and the channel state information.

5. The method of claim 1, wherein, the other uplink information comprises either or both of uplink data and downlink data feedback information;

one of the first PUCCH and the second physical uplink channel is transmitted based on a data transmission priority corresponding to the sidelink feedback information and a data transmission priority corresponding to the other uplink information.

6. The method of claim 5, wherein, the second physical uplink channel is transmitted in response to the data transmission priority corresponding to the other uplink information being higher than the data transmission priority corresponding to the sidelink feedback information; and

the first PUCCH is transmitted in response to the data transmission priority corresponding to the sidelink feedback information being higher than the data transmission priority corresponding to the other uplink information.

7. The method of claim 1, said transmitting one of the first PUCCH and the second physical uplink channel comprising:

transmitting the first PUCCH in response to a receipt time of first downlink control information (DCI) of scheduling data corresponding to the sidelink feedback information is later than a receipt time of second DCI of scheduling data corresponding to the other uplink information; and

transmitting the second physical uplink channel in response to the receipt time of the second DCI of scheduling the data corresponding to the other uplink information is later than the receipt time of the first DCI of scheduling the data corresponding to the sidelink feedback information.

8. The method of any of claims 1-7, said transmitting one of the first PUCCH and the second physical uplink channel comprising:

transmitting the first PUCCH and discarding the second physical uplink channel, or

transmitting the second physical uplink channel and discarding the first PUCCH.

9. A feedback apparatus, applied in a terminal, comprising:

a determining unit, configured to determine that a resource of a first physical uplink control channel (PUCCH) for transmitting sidelink feedback information overlaps with a resource of a second physical uplink channel for transmitting other uplink information in a time domain, wherein the other uplink information is uplink information different from the sidelink feedback information; and

a transmitting unit, configured to transmit one of the first PUCCH and the second physical uplink channel,

wherein, the transmitting unit is configured to:

transmit the second physical uplink channel in response to the data transmission priority corresponding to the other uplink information being higher than a preconfigured uplink-downlink data priority threshold, and transmit the first PUCCH in response to the data transmission priority corresponding to the other uplink information being lower than the preconfigured uplink-downlink data priority threshold; or

transmit the first PUCCH in response to the data transmission priority corresponding to the sidelink feedback information being higher than a preconfigured sidelink data priority threshold and transmit the second physical uplink channel in response to the data transmission priority corresponding to the sidelink feedback information being lower than the preconfigured sidelink data priority threshold.

10. The apparatus of claim 9, wherein the transmitting unit is configured to transmit one of the first PUCCH and the second physical uplink channel by:

transmitting the first PUCCH in response to configuration information indicating transmitting the first PUCCH; and

transmitting the second physical uplink channel in response to configuration information indicating transmitting the second physical uplink channel.

11. The apparatus of claim 9, wherein the transmitting unit is configured to transmit one of the first PUCCH and the second physical uplink channel by:

transmitting the first PUCCH or transmitting the second physical uplink channel based on uplink information content comprised in the other uplink information.

12. The apparatus of claim 11, wherein, the transmitting unit is configured to transmit the first PUCCH in response to the uplink information content comprised in the other uplink information comprising one of channel state information, scheduling request information, or merged information of the scheduling request information and the channel state information.

13. The apparatus of claim 9, wherein, the other uplink information comprises either or both of uplink data and downlink data feedback information;

the transmitting unit is configured to transmit one of the first PUCCH and the second physical uplink channel based on a data transmission priority corresponding to the sidelink feedback information and a data transmission priority corresponding to the other uplink information.

14. The apparatus of claim 13, wherein, the transmitting unit is configured to:

transmit the second physical uplink channel in response to the data transmission priority corresponding to the other uplink information being higher than the data transmission priority corresponding to the sidelink feedback information; and

transmit the first PUCCH in response to the data transmission priority corresponding to the sidelink feedback information being higher than the data transmission priority corresponding to the other uplink information.

15. The apparatus of claim 9, wherein the transmitting unit is configured to transmit one of the first PUCCH and the second physical uplink channel by:

transmitting the first PUCCH in response to a receipt time of first downlink control information (DCI) of scheduling data corresponding to the sidelink feedback information is later than a receipt time of second DCI of scheduling data corresponding to the other uplink information; and

transmitting the second physical uplink channel in response to the receipt time of the second DCI of scheduling the data corresponding to the other uplink information is later than the receipt time of the first DCI of scheduling the data corresponding to the sidelink feedback information.

16. The apparatus of any of claims 9-15, wherein the transmitting unit is configured to transmit one of the first PUCCH and the second physical uplink channel by:

transmitting the first PUCCH and discarding the second physical uplink channel, or

transmitting the second physical uplink channel and discarding the first PUCCH.

17. A feedback apparatus, comprising: a processor, a memory storing instructions executable by the processor; wherein the processor is configured to perform the feedback method according to any of claims 1-8.

18. A non-transitory computer-readable storage medium, wherein when instructions stored in the storage medium are executed by a processor of a mobile terminal, the mobile terminal is caused to perform the feedback method according to any of claims 1-8.