

CLAIMS

What is claimed is:CLAIMS

1. A method for wireless communication, comprising:
 - identifying a number of blind decodings of a search space set for control information, wherein a search space of the search space set comprises a subset of blind decodings;
 - determining a ~~reduction factor~~ priority of the search space set;
 - ~~applying the determining a reduction factor to~~ based at least in part on the subset ~~priority of blind decodings to obtain a reduced subset of blind decodings for the search space;~~ set;
 - identifying a reduced number of blind decodings of the subset of blind decodings of the search space set based at least in part on the ~~reduced subset of blind decodings for the search space~~ reduction factor; and
 - ~~transmitting~~ receiving the control information in a decoding candidate of the reduced number of blind decodings of the search space.
2. The method of claim 1,
 - wherein the reduction factor is 0 when the subset of blind decodings is equal to the reduced subset of blind decodings for the search space, or the reduction factor is 1 when the reduced subset of blind decodings for the search space is completely reduced.
3. The method of claim 1, wherein determining the reduction factor further comprises:
 - identifying ~~the~~ a blind decoding limit for a slot;
 - identifying a number of blind decodings for each search space set in the slot;
 - and
 - determining the reduction factor based at least in part on the blind decoding limit and the number of blind decodings for each search space set in the slot.
4. The method of claim 3, wherein the blind decoding limit is based at least in part on a user equipment (UE) capability.

5. The method of claim 1, ~~wherein identifying~~ further comprising:
applying the number reduction factor to the subset of blind decodings ~~of the~~
~~search space set further comprises:~~

~~identifying the number to obtain a reduced subset~~ of blind decodings for each
~~aggregation level of the search space set.~~

6. ~~The method of claim 1, wherein the search space is associated with an~~
~~aggregation level of the search space set.~~

7. ~~The method of claim 1, wherein the reduced subset of blind decodings~~
~~for the search space comprises at least one blind decoding.~~

86. The method of claim 1, ~~further comprising:~~
~~determining a priority of the search space set~~, wherein the reduction factor is
determined based at least in part on the priority of the search space set.

97. The method of claim 86, wherein the priority of a common search
space is higher than the priority of a UE-specific search space.

108. The method of claim 97, wherein the reduction factor of the common
search space is 0.

119. The method of claim 86, wherein the priority of the search space is
configured by radio resource control (RRC) signaling.

1210. The method of claim 86, wherein the priority of the search space set is
associated with a type of information carried by downlink control information (DCI) in the
search space set.

11. The method of claim 1, wherein identifying the number of blind
decodings of the search space set further comprises:

identifying the number of blind decodings for each aggregation level of the
search space set.

12. The method of claim 1, wherein the search space is associated with an aggregation level of the search space set.

13. The method of claim 1, further comprising:
determining ~~at~~the priority of the search space based at least in part on an aggregation level of the search space, wherein the reduction factor is determined based at least in part on the priority of the priority of the search space.

14. The method of claim 1, wherein the search space set is a user equipment (UE)-specific search space set carrying downlink control information (DCI) for a single UE.

15. An apparatus for wireless communication, comprising:
a processor;
memory ~~in electronic communication~~coupled with the processor; and
instructions stored in the memory and executable by the processor to cause the apparatus to:
_____identify a number of blind decodings of a search space set for control information, wherein a search space of the search space set comprises a subset of blind decodings;
_____determine a priority of the search space set;
_____determine a reduction factor based at least in part on the priority of the search space set;
~~apply the reduction factor to the subset of blind decodings to obtain a reduced subset of blind decodings for the search space;~~
_____identify a reduced number of blind decodings of the ~~search space set~~
~~based at least in part on the reduced subset of blind decodings for~~of the search space set
based at least in part on the reduction factor; and
~~transmit~~_____receive the control information in a decoding candidate of the reduced number of blind decodings of the search space.

~~16. An apparatus for wireless communication, comprising:~~

~~means for identifying a number of blind decodings of a search space set for control information, wherein a search space of the search space set comprises a subset of blind decodings;~~

~~means for determining a reduction factor;~~

~~means for applying the reduction factor to the subset of blind decodings to obtain a reduced subset of blind decodings for the search space;~~

~~means for identifying a reduced number of blind decodings of the search space set based at least in part on the reduced subset of blind decodings for the search space; and~~

~~means for transmitting the control information in a decoding candidate of the reduced number of blind decodings of the search space.~~

~~17. The apparatus of claim 16. The apparatus of claim 15, wherein the reduction factor is 0 when the subset of blind decodings is equal to the reduced subset of blind decodings for the search space, or the reduction factor is 1 when the reduced subset of blind decodings for the search space is completely reduced.~~

~~17. The apparatus of claim 15, wherein the means for determining instructions to determine the reduction factor comprise:~~

~~means for identifying further are executable by the processor to cause the apparatus to:~~

~~identify a blind decoding limit for a slot;~~

~~means for identifying identify a number of blind decodings for each search space set in the slot; and~~

~~means for determining determine the reduction factor based at least in part on the blind decoding limit and the number of blind decodings for each search space set in the slot.~~

~~18. The apparatus of claim 17, wherein the blind decoding limit is based at least in part on a user equipment (UE) capability.~~

~~19. The apparatus of claim 15, wherein the means for identifying instructions are further executable by the number of blind decodings of processor to cause the~~

~~search space set comprise~~apparatus to:

~~means for identifying the number of blind decodings for each aggregation level of~~apply the reduction factor to the search space set.

~~21. The apparatus~~subset of claim 16, wherein~~blind decodings to obtain a reduced subset of blind decodings for the search space is associated with an aggregation level of the search space set.~~

~~22. The apparatus of claim 16, wherein the reduced subset of blind decodings for the search space comprises at least one blind decoding.~~

~~2320. The apparatus of claim 16, further comprising:~~
~~means for determining a priority of the search space set~~15, wherein the reduction factor is determined based at least in part on the priority of the search space set.

~~2421. The apparatus of claim 2320, wherein the priority of a common search space is higher than the priority of a UE-specific search space.~~

~~2522. The apparatus of claim 2421, wherein the reduction factor of the common search space is 0.~~

~~2623. The apparatus of claim 2320, wherein the priority of the search space is configured by radio resource control (RRC) signaling.~~

~~2724. The apparatus of claim 2320, wherein the priority of the search space set is associated with a type of information carried by downlink control information (DCI) in the search space set.~~

~~2825. The apparatus of claim 16,15, wherein the instructions to identify the number of blind decodings of the search space set further comprising~~are executable by the processor to cause the apparatus to:

~~means for determining a~~identify the number of blind decodings for each aggregation level of the search space set.

26. The apparatus of claim 15, wherein the search space is associated with an aggregation level of the search space set.

27. The apparatus of claim 15, wherein the instructions are further executable by the processor to cause the apparatus to:

determine the priority of the search space based at least in part on an aggregation level of the search space, wherein the reduction factor is determined based at least in part on the priority of the search space.

28. The apparatus of claim 15, wherein the search space set is a user equipment (UE)-specific search space set carrying downlink control information (DCI) for a single UE.

29. An apparatus for wireless communication, comprising:

means for identifying a number of blind decodings of a search space set for control information, wherein a search space of the search space set comprises a subset of blind decodings;

means for determining a priority of the search space set;

means for determining a reduction factor based at least in part on the priority of the search space set;

means for identifying a reduced number of blind decodings of the subset of blind decodings of the search space set based at least in part on the priority of the reduction factor; and

means for receiving the control information in a decoding candidate of the reduced number of blind decodings of the search space.

30. A non-transitory computer-readable medium storing code for wireless communication, the code comprising instructions executable by a processor to:

identify a number of blind decodings of a search space set for control information, wherein a search space of the search space set comprises a subset of blind decodings;

determine a priority of the search space set;

determine a reduction factor based at least in part on the priority of the search space set;

~~apply the reduction factor to the subset of blind decodings to obtain a reduced subset of blind decodings for the search space;~~

identify a reduced number of blind decodings of the ~~search space set based at least in part on the reduced subset of blind decodings for~~ of the search space set based at least in part on the priority of the reduction factor; and

~~transmit~~ receive the control information in a decoding candidate of the reduced number of blind decodings of the search space.