【CLAIMS】

1. A method for transmitting CSI (Channel State Information) in a wireless access system, the method performed by a mobile station and comprising:

receiving a reference CSI configuration information and a following CSI configuration information which is configured to report a same RI (Rank Indicator) as the reference CSI configuration information;

receiving a first precoding codebook subset information for the reference CSI configuration information and a second precoding codebook subset information for the following CSI configuration information,

wherein set of RIs according to the second precoding codebook subset information is same as set of RIs according to the first precoding codebook subset information; and

transmitting CSI determined based on at least one of the first precoding codebook subset information and the second precoding codebook subset information.

2. The method of claim 1, wherein the first precoding codebook subset information and the second precoding codebook subset information are configured as bitmap parameter respectively.

3. The method of claim 1, wherein the first precoding codebook subset information and the second precoding codebook subset information are transmitted through RRC (Radio Resource Control) signaling respectively.

4. The method of claim 1, wherein the reference CSI configuration information and the following CSI configuration information are transmitted through RRC (Radio Resource Control) signaling respectively.

5. The method of claim 1, wherein the CSI includes at least one of RI, PMI (Precoding Matrix Indicator), and CQI (Channel Quality Indicator).

6. A method for receiving CSI (Channel State Information) in a wireless access system, the method performed by a base station and comprising:

transmitting a reference CSI configuration information and a following CSI configuration information which is configured to report a same RI (Rank Indicator) as the reference CSI configuration information;

transmitting a first precoding codebook subset information for the reference CSI configuration information and a second precoding codebook subset information for the following CSI configuration information,

wherein set of RIs according to the second precoding codebook subset information is same as set of RIs according to the first precoding codebook subset information; and

receiving CSI determined based on at least one of the first precoding codebook subset information and the second precoding codebook subset information.

7. The method of claim 6, wherein the first precoding codebook subset information and the second precoding codebook subset information are configured as bitmap parameter respectively.

8. The method of claim 6, wherein the first precoding codebook subset information and the second precoding codebook subset information are transmitted through RRC (Radio Resource Control) signaling respectively.

9. The method of claim 6, wherein the reference CSI configuration information and the following CSI configuration information are transmitted through RRC (Radio Resource Control) signaling respectively.

10. The method of claim 6, wherein the CSI includes at least one of RI, PMI (Precoding Matrix Indicator), and CQI (Channel Quality Indicator).

11. A mobile station of transmitting CSI (Channel State Information) in a wireless access system, the mobile station comprising:

a processor; and

a RF (Radio Frequency) module,

wherein the processor is configured to:

receive a reference CSI configuration information and a following CSI configuration information which is configured to report a same RI (Rank Indicator) as the reference CSI configuration information;

receive a first precoding codebook subset information for the reference CSI configuration information and a second precoding codebook subset information for the following CSI configuration information, wherein set of RIs according to the second precoding codebook subset information is same as set of RIs according to the first precoding codebook subset information; and

transmit CSI determined based on at least one of the first precoding codebook subset information and the second precoding codebook subset information.

12. A base station of receiving CSI (Channel State Information) in a wireless access system, the base station comprising:

a processor; and

a RF (Radio Frequency) module,

wherein the processor is configured to:

transmit a reference CSI configuration information and a following CSI configuration information which is configured to report a same RI (Rank Indicator) as the reference CSI configuration information;

transmit a first precoding codebook subset information for the reference CSI configuration information and a second precoding codebook subset information for the following CSI configuration information, wherein set of RIs according to the second precoding codebook subset information is same as set of RIs according to the first precoding codebook subset information; and

receive CSI determined based on at least one of the first precoding codebook subset information and the second precoding codebook subset information.

CLAIMS

1. A method for transmitting CSI (Channel State Information) in a wireless access system, the method performed by a user equipment and comprising:

configuring a first codebook subset restriction of a first CSI process and a second codebook subset restriction of a second CSI process; and

transmitting the CSI based on at least one of the first codebook subset restriction and the second codebook subset restriction,

wherein a second RI of the second CSI process is configured same as a first RI of the first CSI process, and

wherein a second set of restricted RIs with the second codebook subset restriction is same as a first set of restricted RIs with the first codebook subset restriction.

2. The method of claim 1, wherein the first codebook subset restriction and the second codebook subset restriction are configured as bitmap parameter.

3. The method of claim 1, wherein first information of the first codebook subset restriction and second information of the second codebook subset restriction are transmitted using RRC (Radio Resource Control) signaling.

4. The method of claim 1, further comprising:

receiving first CSI process configuration information and second CSI process configuration information using RRC (Radio Resource Control) signaling.

5. The method of claim 1, wherein the CSI includes at least one of a RI, a PMI (Precoding Matrix Indicator), and a CQI (Channel Quality Indicator).

6. A method for receiving CSI (Channel State Information) in a wireless access system, the method performed by a base station and comprising:

transmitting a first codebook subset restriction information of a first CSI process and a second codebook subset restriction information of a second CSI process; and

receiving the CSI based on at least one of the first codebook subset restriction information and the second codebook subset restriction information,

wherein a second RI of the second CSI process is configured same as a first RI of the first CSI process, and

wherein a second set of restricted RIs with the second codebook subset restriction information is same as a first set of restricted RIs with the first codebook subset restriction information.

7. The method of claim 6, wherein the first codebook subset restriction information and the second codebook subset restriction information are configured as bitmap parameter.

8. The method of claim 6, wherein the first codebook subset restriction information and the second codebook subset restriction information are transmitted using RRC (Radio Resource Control) signaling.

9. The method of claim 6, further comprising:

transmitting first CSI process configuration information and second CSI process configuration information using RRC (Radio Resource Control) signaling.

10. The method of claim 6, wherein the CSI includes at least one of a RI, a PMI (Precoding Matrix Indicator), and a CQI (Channel Quality Indicator).

11. A user equipment of transmitting CSI (Channel State Information) in a wireless access system, the user equipment comprising:

a RF (Radio Frequency) module; and

a processor which is configured to:

configure a first codebook subset restriction of a first CSI process and a second codebook subset restriction of a second CSI process; and

transmit the CSI based on at least one of the first codebook subset restriction and the second codebook subset restriction,

wherein a second RI of the second CSI process is configured same as a first RI of the first CSI process, and

wherein a second set of restricted RIs with the second codebook subset restriction is same as a first set of restricted RIs with the first codebook subset restriction.

12. A base station of receiving CSI (Channel State Information) in a wireless access system, the base station comprising:

a RF (Radio Frequency) module; and

a processor which is configured to:

transmit a first codebook subset restriction information of a first CSI process and a second codebook subset restriction information of a second CSI process; and

receive the CSI based on at least one of the first codebook subset restriction information and the second codebook subset restriction information,

wherein a second RI of the second CSI process is configured same as a first RI of the first CSI process, and

wherein a second set of restricted RIs with the second codebook subset restriction information is same as a first set of restricted RIs with the first codebook subset restriction information.