

Claims

1. A method of predictive-decoding a multi-view image, the method comprising:
receiving a bitstream comprising information indicating whether each of pictures included in multi-view image sequences is a reference picture referred to by others of the pictures included in the multi-view image sequences for inter-view prediction and data about the multi-view image sequences;
extracting the information indicating whether each of pictures included in multi-view image sequences is the reference picture and the data about the multi-view image sequences from the received bitstream;
determining whether pictures included in the data about the multi-view image sequences are to be used for inter-view prediction decoding based on the extracted information indicating whether each of pictures included in multi-view image sequences is the reference picture; and
performing predictive-encoding based on a result of the determination,
wherein the information indicating whether each of pictures included in multi-view image sequences is the reference picture is included in a parameter for each of the pictures.
2. The method of claim 1, wherein the information indicating whether each of pictures included in multi-view image sequences is the reference picture is included in a network abstraction layer (NAL) unit header.
3. The method of claim 1, wherein the extracting the information and the data further comprises extracting information about reference pictures referred to by each of the pictures for at least one of inter-view prediction and temporal prediction.

Claims

1. A method of predictive-decoding a multi-view image, the method comprising:

receiving a bitstream comprising information indicating whether a picture in one view image sequence included in multi-view image sequences is a reference picture referred to by others in another view image included in the multi-view image sequences for inter-view prediction and data about the multi-view image sequences;

extracting the information and the data about from the received bitstream;

determining whether pictures included in the data about the multi-view image sequences are to be used for inter-view prediction decoding based on the extracted information; and

performing predictive-decoding based on a result of the determination,

wherein the information is included in a parameter for each of the pictures,

wherein the parameter is a network abstraction layer (NAL) unit header for each of the pictures, and

wherein a picture which is a reference picture referred to by others in another view image sequence for inter-view prediction is included in a reference picture list and a picture which is not a reference picture referred to by others in another view image sequence for inter-view prediction is not included in the reference picture list.

2. The method of claim 1, wherein the extracting the information and the data further comprises extracting information about reference pictures referred to by each of the pictures for at least one of inter-view prediction and temporal prediction.