

Claims

1. An apparatus for predictive-decoding a multi-view image, the apparatus comprising:

a receiving unit that receives 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;

an extraction unit that extracts the information and the data about the multi-view image sequences from the bitstream; and

a decoding unit that decodes the data about the multi-view image sequences based on the extracted information.

2. The apparatus of claim 1, wherein the parameter is a network abstraction layer (NAL) unit header for each of the pictures.

3. The apparatus of claim 1, wherein the extraction unit extracts information about reference pictures referred to by each of the pictures for at least one of inter-view prediction and temporal prediction.

Claims

1. An apparatus for predictive-decoding a multi-view image, the apparatus comprising:

a receiving unit that receives 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;

an extraction unit that extracts the information and the data about the multi-view image sequences from the bitstream; and

a decoding unit that decodes the data about the multi-view image sequences based on the extracted information, wherein the information is included in a network abstraction layer (NAL) unit header, and

wherein a picture which is reference picture 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.