ABSTRACT

PREDICTIVE ENCODING METHOD, PREDICTIVE ENCODING DEVICE, AND PREDICTIVE ENCODING PROGRAM OF MOTION VECTOR, AND, PREDICTIVE DECODING METHOD, PREDICTIVE DECODING DEVICE, AND PREDICTIVE DECODING PROGRAM OF MOTION VECTOR

A predictive encoding method of motion vectors according to one embodiment includes: (a) a step of determining a motion vector of a target partition in a frame picture of an encoding target; (b) a step of determining a first motion vector predictor candidate from a motion vector or motion vectors of one or more partitions belonging to a left-neighboring region to the target partition; (c) a step of determining a second motion vector predictor candidate from a motion vector or motion vectors of one or more partitions belonging to an above-neighboring region to the target partition; (d) a step of selecting an optimum motion vector predictor and outputting motion vector predictor indication information to specify the selected optimum motion vector predictor, the optimum motion vector predictor selected based on comparison between one or more motion vector predictor candidates including the first motion vector predictor candidate and the second motion vector predictor candidate, and the motion vector of the target partition; and (e) a step of encoding the motion vector predictor indication information.

Figure 1