

ABSTRACT OF THE DISCLOSURE

In a method of decoding, coded information of a block is received from a coded video bitstream. The coded information indicates that the block is partitioned based on a geometry partition mode (GPM) into a first part and a second part and inter predicted based on merge mode with motion vector difference (MMVD). That a motion vector for the first part of the block partitioned by GPM is not identical to a motion vector for the second part of the block partitioned by GPM is determined. The block is further reconstructed based on the motion vector for the first part of the block and the motion vector for the second part of the block.