CLAIMS

1. A method of processing video data, comprising:

determining, during a conversion between a first block of visual media data and a corresponding bitstream of the visual media data, the first block being coded with a geometric partitioning mode;

determining, based on a table storing one or multiple motion candidates which are associated with motion information based on previously coded blocks, motion information of the first block;

performing the conversion of the first block using the determined motion information of the first block.

2. The method of claim 1, wherein the motion information used by the first block is refrained from being stored in the table.

3. The method of claim 1, wherein the table is not updated after the conversion of the first block.

4. The method of claim 1, further comprising:

determining, during a conversion between a second block of the visual media data and the corresponding bitstream of the visual media data, motion information of the second block based on the same table that is used for the first block,

and the second block is not using the geometric partitioning mode.

5. The method of claim 1, wherein the table includes a history based motion vector prediction (HMVP) table.

6. The method of claim 1, wherein the determination of motion information of the first block comprises constructing a motion candidate list.

7. The method of claim 6, wherein the motion candidate list corresponds to a merge candidate list.

8. The method of claim 1, further comprising:

determining a GPM merge index included in the bitstream, wherein the GPM merge index is related to the motion information of the first block.

9. The method of claim 1, wherein the motion information of the first block is determined further based on motion candidates derived from spatial and/or temporal blocks.

10. The method of claim 6, wherein the determining, based on the table, motion information of the first block, comprising:

adding at least one motion candidate derived from the table in the motion candidate list construction process for the first block.

11. The method of claim 10, wherein the adding motion candidates derived from the table in the motion candidate list construction process for the first block, comprising:

adding at least one motion candidate derived from the table to the motion candidate list after motion candidates derived from one or both of spatial blocks or temporal blocks.

12. The method of claim 10, wherein the derived at least one motion candidate from the table is set equal to corresponding at least one motion candidate in the table.

13. The method of claim 10, wherein a checking order of motion candidates in the table to be added to the motion candidate list is based on indices of motion candidates in the table.

14. The method of claim 1, wherein the geometric partitioning mode includes multiple partition schemes and at least one partition scheme divides the first block in to two partitions, at least one of which is non-square and non-rectangular.

15. The method of claim 1, wherein the geometric partitioning mode comprises a triangular partitioning mode.

16. The method of claim 1, wherein the conversion comprises decoding the first block from the corresponding bitstream.

17. The method of claim 1, wherein the conversion comprises encoding the first block into the corresponding bitstream.

18. An apparatus for processing video data comprising a processor and a non-transitory memory with instructions thereon, wherein the instructions upon execution by the processor, cause the processor to:

determine, during a conversion between a first block of visual media data and a corresponding bitstream of the visual media data, the first block being coded with a geometric partitioning mode;

determine, based on a table storing one or multiple candidates which are associated with motion information based on previously coded blocks, motion information of the first block;

perform the conversion of the first block using the determined motion information of the first block.

19. A non-transitory computer-readable storage medium storing instructions that cause a processor to:

determine, during a conversion between a first block of visual media data and a corresponding bitstream of the visual media data, the first block being coded with a geometric partitioning mode;

determine, based on a table one or multiple candidates which are associated with motion information based on previously coded blocks, motion information of the first block;

perform the conversion of the first block using the determined motion information of the first block.

20. A non-transitory computer-readable recording medium storing a bitstream which is generated by a method performed by a video processing apparatus, wherein the method comprises:

determining that the first block being coded with a geometric partitioning mode;

determining, based on a table storing one or multiple candidates which are associated with motion information based on previously coded blocks, motion information of the first block;

generating the bitstream using the determined motion information of the first block.