POINT CLOUD ENCODING METHOD AND APPARATUS, POINT CLOUD DECODING METHOD AND APPARATUS, AND STORAGE MEDIUM

ABSTRACT

This application discloses a point cloud encoding method and apparatus, a point cloud decoding method and apparatus, and a storage medium, and belongs to a data processing field. The method includes: first obtaining auxiliary information of a to-be-encoded patch, and then encoding the auxiliary information and a first index of the to-be-encoded patch into a bitstream. Values of the first index may be a first value, a second value, and a third value. Different values indicate different types of patches. Therefore, different types of patches can be distinguished by using the first index. For different types of patches, content included in auxiliary information encoded into a bitstream may be different. This can simplify a format of information encoded into the bitstream, reduce bit overheads of the bitstream, and improve encoding efficiency.

Fig. 9