

ABSTRACT

Provided in embodiments of the disclosure are a method and apparatus for processing point cloud data, a device, and a storage medium. The method includes: determining, from first point cloud data acquired, a plurality of groups of neighbouring points for a to-be-processed point, wherein each group of neighbouring points among the plurality of groups of neighbouring points has a respective different scale; for each group of neighbouring points, determining a respective association relationship between the group of neighbouring points and the to-be-processed point; for each group of neighbouring points, determining a respective association feature of the to-be-processed point based on the respective association relationship between the group of neighbouring points and the to-be-processed point; determining a target feature of the to-be-processed point based on association features corresponding to the plurality of groups of neighbouring points; and performing, based on target features of a plurality of to-be-processed points, point cloud completion on the first point cloud data to generate second point cloud data.

[Figure 1]