

ABSTRACT

The present application discloses an object posture estimation method and apparatus. The method includes: obtaining point cloud data of an object, where the point cloud data includes at least one point; inputting the point cloud data of the object into a pre-trained point cloud neural network to obtain a predicted posture of the object to which the at least one point belongs; performing clustering processing on the predicted posture of the object to which the at least one point belongs to obtain at least one clustering set; and obtaining the posture of the object according to predicted postures of at least one objects included in the at least one clustering set, where the posture includes a position and an attitude angle. A corresponding object posture estimation apparatus is also disclosed. In the present application, the point cloud data of the object is processed through the point cloud neural network to obtain the posture of the object.

[Figure 1]