

## ABSTRACT

Provided is a method and apparatus for automatically annotating an obstacle and related devices, relating to the field of artificial intelligence technology, and in particular, to technologies fields of autonomous driving, neural network, deep learning and the like. The method includes:

5 optimizing (S101) a target parameter in a projection relationship based on a re-projection error, the projection relationship is used to project a target obstacle from a reference frame onto a frame to be optimized, and satisfies a constraint in which positions of the target obstacle in different frames are consistent in an obstacle coordinate system established according to the target obstacle; and determining (S102) a target pose of the target obstacle based on the optimized target

10 parameter.

[Fig No.1]