

**THREE-DIMENSIONAL TARGET DETECTION METHOD, METHOD AND
DEVICE FOR TRAINING THREE-DIMENSIONAL TARGET DETECTION MODEL,
APPARATUS, AND STORAGE MEDIUM**

ABSTRACT

The present application discloses a three-dimensional target detection method, a method and device for training a three-dimensional target detection model, an apparatus, and a storage medium. The method for training a three-dimensional target detection model comprises: acquiring a sample three-dimensional image, wherein the sample three-dimensional image is marked with actual position information of an actual region of a three-dimensional target; using a three-dimensional target detection model to perform target detection on the sample three-dimensional image, so as to obtain one or more pieces of prediction region information corresponding to one or more sub-images of the sample three-dimensional image, wherein each of the pieces of prediction region information comprises prediction position information and a prediction confidence level of a prediction region; determining a loss value of the three-dimensional target detection model using the actual position information and the one or more pieces of prediction region information; and using the loss value to adjust a parameter of the three-dimensional target detection model.

[Fig. 1B]