

Abstract

THREE-DIMENSIONAL MODELING METHOD AND APPARATUS

The present application discloses a three-dimensional modeling method and apparatus, in order to solve the problem of three-dimensional modeling in the prior art requiring a great amount of calculations which are not easily implemented on a mobile device, such as a mobile phone. The method comprises: respectively capturing a first image in a first direction and a second image in a second direction of an object; acquiring a plurality of feature points on the first image; determining matching feature points on the second image that correspond to the plurality of feature points; calculating similarities between the plurality of feature points and the corresponding matching feature points and depth values of the plurality of feature points; performing weighted calculation on the depth values of the plurality of feature points according to the similarities between the plurality of feature points and the corresponding matching feature points; and performing three-dimensional modeling on the object based on the depth values of the plurality of feature points after being subjected to the weighted calculation.

(Figure 1)