ABSTRACT

Disclosed in the present application are a data processing method and apparatus, and a device and a readable storage medium. The method comprises: on the basis of an image and a question text corresponding to the image, determining a question-answering attention region in the image, wherein image content in the question-answering attention region is image content in the image that is associated with the question text; on the basis of the image and content protection information, determining a content protection region in the image, wherein image content in the content protection region is image content in the image that is associated with the content protection information; and if there is an overlapping region between the question-answering attention region and the content protection region, on the basis of the question-answering attention region, determining, in the content protection region, a first region to be processed, wherein said first region does not overlap with the question-answering attention region, and said first region is used for indicating the performing of content protection processing on first image content in the image. The present application can appropriately improve the security of content protection information while ensuring the accuracy of image question answering.

Fig. 3