

ABSTRACT

Provided are a texture generation method, apparatus, and device, and a computer readable storage medium. The method includes: a query feature map, a key feature map, and a value feature map of an image to be transformed are acquired, the query feature map including a plurality of pixel points to be queried in a texture space, the key feature map being used for representing a semantic feature of the image to be transformed, the value feature map being used for determining, in combination with an attention feature map of each pixel point to be queried, a texture parameter of each pixel point to be queried, the attention feature map being determined by the query feature map and the key feature map; and a target texture feature map is generated from the query feature map, the key feature map, and the value feature map based on the attention mechanism.

[Figure 1A]