

INTERACTIVE POINT-BASED IMAGE EDITING

ABSTRACT

Embodiments of the present disclosure relate to interactive point-based image editing. According to example embodiments of the present disclosure, a user edit input for a source image is obtained to indicate at least one handle point and at least one target point in the source image. A feature map is extracted from the source image using a diffusion model at an iteration step of an inverse denoising diffusion process performed on the source image. The feature map is then updated based on the user edit input. Then a target image is generated based on the updated feature map using the diffusion model through a denoising diffusion process performed on the updated feature map.

FIG. 2