Optimization of Unpaired image-to-image Translation

ABSTRACT

Image translation is a class of vision and graphics problem, where the goal is to map the source distribution to the target distribution. This task can be achieved comfortably using paired images. However, paired images might not be available for many other tasks. We shall be working on an approach to translate an image from a source domain X to a target domain Y in the absence of paired examples.

REFERENCE

[1] Jun-Yan Zhu, Taesung Park, Phillip Isola, and Alexei A Efros, "Unpaired image-to-image translation using cycle-consistent adversarial networks," in Proceedings of the IEEE international conference on computer vision,2017, pp. 2223–2232.