
Computer Vision: Text to Image synthesis

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Abstract

Generation of realistic images given a text describing it is a challenging and interesting problem. With the recent successes of Generative Adversarial Networks in this field, we aim to explore it and use information theoretical extension to it to isolate meaningful latent variables.

1 Overview

1.1 DCGAN

1.2 Generative Adversarial Text to Image Synthesis

1.3 InfoGAN

2 Our Approach

3 Code Used

4 Experimental Results

5 Conclusion