

# STYLE TRANSFER

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## ABSTRACT

### 1 INTRODUCTION

#### 1.1 VERY DEEP CONVOLUTIONAL NETWORKS (VGG)

Simonyan & Zisserman (2014)

#### 1.2 STYLE TRANSFER

### 2 MODEL

#### 2.1 FRAMEWORK

Gatys et al. (2015)

#### 2.2 FAST STYLE TRANSFER

Goodfellow et al. (2014) Johnson et al. (2016)

### 3 EXPERIMENTS

### 4 CONCLUSION AND DISCUSSION

## REFERENCES

Leon A. Gatys, Alexander S. Ecker, and Matthias Bethge. A neural algorithm of artistic style, 2015.

Ian J. Goodfellow, Jean Pouget-Abadie, Mehdi Mirza, Bing Xu, David Warde-Farley, Sherjil Ozair, Aaron Courville, and Yoshua Bengio. Generative adversarial networks, 2014.

Justin Johnson, Alexandre Alahi, and Li Fei-Fei. Perceptual losses for real-time style transfer and super-resolution, 2016.

Karen Simonyan and Andrew Zisserman. Very deep convolutional networks for large-scale image recognition, 2014.